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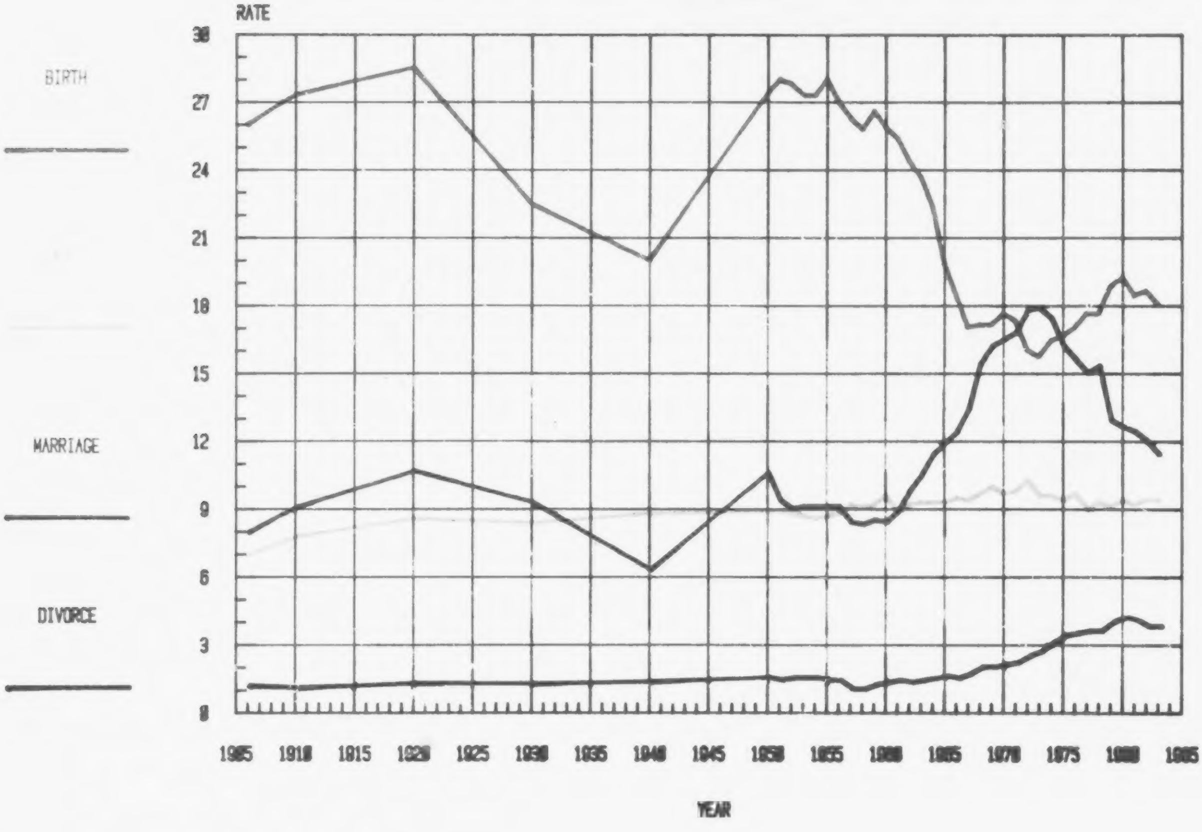
SOUTH DAKOTA
Vital Statistics And Health Status: 1983



BIRTH, DEATH, MARRIAGE, DIVORCE RATES

SOUTH DAKOTA, 1905-1983

SOUTH DAKOTA DEPARTMENT OF HEALTH
CENTER FOR HEALTH STATISTICS
STATE HEALTH PLANNING AND DEVELOPMENT AGENCY

STATE OF SOUTH DAKOTA

South Dakota Vital Statistics
Annual Report, 1983

Department of Health
Lawrence J. Massa
Secretary

State Center for Health Statistics
State Health Planning and Development Agency
Pierre, South Dakota 57501
August 1984

PREFACE

Vital Statistics and Health Status: 1983 was prepared by the State Health Planning and Development Agency and the State Center for Health Statistics, South Dakota Department of Health.

The Population Section contains the July 1, 1982 provisional estimates for South Dakota. These estimates were prepared through the Federal State Cooperative Program For Local Population Estimates. The county estimates are based on an average of a regression (ratio-correlation) method and an administrative records method. The age, race and sex populations were produced by applying the 1980 census percent of population for each variable to the 1982 provisional estimates.

Certain categories within three of the sections have been selected for brief analysis: infant deaths, deaths due to suicide, and induced abortion. In addition, the Communicable Disease Section contains a descriptive analysis.

The Technical Notes Section provides additional information regarding the sources of data, data delimitations, geographic allocation, and definitions.

If the reader has suggestions concerning the report format, queries concerning the data, or requests for additional statistics please contact either of the following agencies within the South Dakota Department of Health:

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Overview of 1983 Vital Statistics

Table 1
SELECTED HEALTH STATISTICS
Percent Changes Between 1982 and 1983
South Dakota Residents

Health Indicator	Percent Change	1982	1983
Births	- 2.5%	12,839	12,521
Birth Rate	- 3.2%	18.6	18.0
White Births	- 3.4%	11,089	10,711
Indian Births	+ 4.1%	1,623	1,690
Out-of-Wedlock Births	+ 5.7%	1,915	2,024
Adolescent Births (<19 years)	- 4.4%	1,537	1,469
Prenatal Care - Third Trimester or None	+ 7.2%	837	897
Infants Weighing less than 2,500 grams	- 1.5%	653	643
Deaths	+ 0.5%	6,588	6,622
Infant Deaths	+ 3.0%	131	135
Neonatal Deaths	-19.8%	91	73
Infant Mortality Rate	+ 5.9%	10.2	10.8
Neonatal Mortality Rate	-17.1%	7.0	5.8
Fetal Deaths	0%	82	82
Accidental Deaths	- 3.6%	360	347
Homocide and Legal Intervention Deaths	-12.9%	31	27
Suicide Deaths	-11.6%	95	84
Marriages	- 4.1%	8,353	8,013
Divorces and Annulments	- 0.3%	2,564	2,556

Table 2

VITAL STATISTICS, SOUTH DAKOTA
1906-1983

Year	Births		Deaths		Marriages		Divorces		Fetal Deaths		Infant Deaths		Population
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
1983	12,521	18.0	6,622	9.5	8,013	11.5	2,556	3.7	82	6.5	135	10.8	*
1982	12,839	18.6	6,588	9.5	8,353	12.1	2,564	3.7	82	6.4	131	10.2	696,694
1981	12,725	18.4	6,434	9.3	8,662	12.5	2,772	4.0	72	5.6	143	11.2	691,000
1980	13,256	19.2	6,539	9.5	8,800	12.7	2,811	4.1	92	6.9	145	10.9	690,768
1979	12,973	18.8	6,329	9.2	8,978	13.0	2,665	3.9	89	6.8	146	11.3	688,838
1978	12,203	17.6	6,480	9.4	10,638	15.4	2,449	3.5	97	7.9	163	13.4	690,213
1977	12,069	17.6	6,281	9.1	10,359	15.1	2,436	3.5	107	8.8	195	16.2	687,590
1976	11,655	17.0	6,727	9.8	10,781	15.7	2,352	3.4	99	8.4	199	17.1	685,563
1975	11,294	16.6	6,470	9.5	11,074	16.3	2,232	3.3	121	10.6	178	15.8	680,811
1974	11,175	16.4	6,577	9.7	11,928	17.5	2,015	3.0	111	9.8	219	19.6	681,386
1973	10,706	15.7	6,626	9.7	12,291	18.0	1,802	2.6	103	9.5	196	18.3	681,899
1972	10,855	16.0	7,038	10.4	12,151	17.9	1,632	2.4	138	12.6	225	20.7	680,000
1971	11,634	17.3	6,704	9.9	11,363	16.9	1,408	2.1	139	11.8	216	19.6	674,000
1970	11,717	17.6	6,547	9.8	11,034	16.6	1,357	2.0	144	12.1	228	19.5	666,257
1969	11,441	17.1	6,747	10.1	10,909	16.3	1,255	1.9	121	10.5	226	19.8	668,000
1968	11,408	17.1	6,532	9.8	10,347	15.5	1,243	1.9	145	12.6	233	20.4	669,000
1967	11,424	17.0	6,349	9.5	9,051	13.5	1,090	1.6	161	13.9	252	22.1	671,000
1966	12,534	18.4	6,576	9.6	8,517	12.5	949	1.4	165	13.0	309	24.6	683,000
1965	13,692	19.8	6,520	9.4	8,317	12.0	1,015	1.5	191	13.8	315	23.1	692,000
1964	15,627	22.3	6,599	9.4	8,055	11.5	951	1.4	188	11.9	350	22.4	701,000
1963	16,711	23.6	6,654	9.4	7,470	10.6	953	1.3	222	13.3	414	24.8	708,000
1962	17,158	24.3	6,577	9.3	6,954	9.9	871	1.2	234	13.5	434	25.3	705,000
1961	17,551	25.3	6,234	9.0	6,213	9.0	881	1.3	235	13.4	409	23.3	693,000
1960	17,594	25.8	6,616	9.7	5,789	8.5	806	1.2	223	12.5	494	28.1	683,000
1959	17,956	26.5	6,287	9.3	5,861	8.6	763	1.1	264	14.5	413	23.0	678,000
1958	17.364	25.7	6,223	9.2	5,702	8.4	641	0.9	277	15.7	455	26.2	675,000
1957	17,617	26.2	6,250	9.3	5,727	8.5	624	0.9	275	15.4	456	25.9	672,000
1956	18,021	26.9	5,953	8.9	6,128	9.2	850	1.3	277	15.1	415	23.0	669,000
1955	18,566	27.9	5,873	8.8	6,122	9.2	868	1.3	270	14.3	484	26.1	666,600
1954	18,083	27.2	5,746	8.7	6,104	9.2	959	1.4	312	17.0	466	25.8	663,800
1953	17,951	27.2	5,813	8.8	6,065	9.2	932	1.4	276	15.1	448	25.0	661,100
1952	18,256	27.7	5,844	8.9	5,964	9.1	935	1.4	225	12.2	511	28.0	658,300
1951	18,270	27.9	5,922	9.0	6,222	9.5	868	1.3	257	13.9	458	25.1	655,500
1950	17,852	27.3	5,889	9.0	6,969	10.7	924	1.4	282	15.6	470	26.3	652,740
1940	12,773	19.9	5,712	8.9	4,138	6.4	793	1.2	-	-	506	39.6	642,961
1930	15,504	22.4	5,879	8.5	6,489	9.4	734	1.1	-	-	865	55.8	693,332
1920	18,148	28.4	5,542	8.7	6,881	10.8	687	1.1	-	-	-	-	640,003
1910	16,081	27.2	6,461	7.9	5,407	9.2	511	0.9	-	-	-	-	590,499
1906	13,233	25.9	3,644	7.1	4,141	8.1	508	1.0	-	-	-	-	510,596

Rates are based on the estimated mid-year population.

The 1983 rates are calculated using July 1, 1982 Provisional Population Estimates.

Birth, Death, Marriage and Divorce rates are per 1,000 population

Fetal Death and Infant Death rates are per 1,000 Live Births

Table 3

VITAL STATISTICS BY COUNTY, 1983

(BIRTHS, DEATHS, ABORTIONS AND FETAL DEATHS ARE BY COUNTY OF RESIDENCE, MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE)

COUNTY	BIRTHS		DEATHS		MARRIAGES		DIVORCES		FETAL DEATHS		ABORTIONS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
AURORA	47	13.1	56	15.6	27	7.5	2	0.6	-	-	1	21.3
BEADLE	267	13.9	199	10.4	203	10.6	54	2.8	2	7.5	23	86.1
BENNETT	75	24.1	34	10.9	56	18.0	4	1.3	1	13.3	4	53.3
BON HOMME	120	15.5	89	11.5	58	7.5	17	2.2	-	-	5	41.7
BROOKINGS	410	16.5	193	7.7	228	9.2	91	3.7	4	9.8	55	134.1
BROWN	532	14.2	311	8.3	362	9.7	143	3.8	7	13.2	25	47.0
BRULE	99	18.6	37	6.9	51	9.6	16	3.0	1	10.1	13	131.3
BUFFALO	49	28.7	7	4.1	2	1.2	1	0.6	1	20.4	2	40.8
BUTTE	128	15.3	95	11.4	92	11.0	50	6.0	2	15.6	14	109.4
CAMPBELL	28	12.6	25	11.2	15	6.7	4	1.8	-	-	-	-
CHARLES MIX	222	23.0	105	10.9	92	9.5	16	1.7	3	13.5	4	18.0
CLARK	81	16.8	61	12.7	26	5.4	11	2.3	-	-	1	12.3
CLAY	186	13.6	95	6.9	125	9.1	52	3.8	1	5.4	35	188.2
CODINGTON	386	17.7	195	8.9	454	20.8	80	3.7	5	13.0	20	51.8
CORSON	130	24.5	47	8.9	28	5.3	9	1.7	-	-	6	46.2
CUSTER	80	12.7	61	9.7	88	14.0	31	4.9	-	-	8	100.0
DAVISON	330	18.6	183	10.3	201	11.3	59	3.3	1	3.0	29	87.9
DAY	123	15.3	100	12.4	87	10.8	19	2.4	-	-	5	40.7
DEUEL	73	13.8	68	12.8	47	8.9	12	2.3	1	13.7	4	54.8
DEWEY	153	28.7	41	7.7	33	6.2	9	1.7	1	6.5	11	71.9
DOUGLAS	75	18.2	40	9.7	54	13.1	3	0.7	-	-	1	13.3
EDMUNDS	57	11.5	62	12.5	49	9.9	9	1.8	-	-	-	-
FALL RIVER	129	16.2	121	15.2	117	14.7	34	4.3	-	-	14	108.5
FAULK	52	15.9	43	13.1	24	7.3	9	2.7	1	19.2	2	38.5
GRANT	175	19.0	111	12.0	171	18.6	30	3.3	-	-	1	5.7
GREGORY	94	15.8	86	14.4	48	8.1	20	3.4	1	10.6	1	10.6
HAAKON	55	19.7	25	8.9	24	8.6	7	2.5	-	-	3	54.5
HAMLIN	81	15.6	68	13.1	31	6.0	6	1.2	-	-	2	24.7
HAND	61	12.7	57	11.9	35	7.3	9	1.9	2	32.8	-	-
HANSON	38	11.2	26	7.6	21	6.2	-	-	-	-	3	78.9
HARDING	34	19.9	13	7.6	10	5.9	8	4.7	-	-	4	117.6
HUGHES	266	18.4	110	7.6	250	17.3	73	5.0	-	-	37	139.1
HUTCHINSON	154	16.8	118	12.9	80	8.7	10	1.1	1	6.5	4	26.0
HYDE	26	13.2	22	11.2	9	4.6	2	1.0	-	-	4	153.8
JACKSON	65	20.0	31	9.5	22	6.8	6	1.8	1	15.4	5	76.9
JERAULD	33	11.5	28	9.7	34	11.8	4	1.4	-	-	1	30.3
JONES	30	20.8	14	9.7	19	13.2	-	-	-	-	4	133.3
KINGSBURY	98	14.7	103	15.5	56	8.4	19	2.9	2	20.4	3	30.6
LAKE	176	16.2	80	7.4	91	8.4	25	2.3	1	5.7	11	62.5
LAWRENCE	324	17.3	178	9.5	295	15.8	115	6.2	2	6.2	87	268.5
LINCOLN	263	18.9	149	10.7	73	5.3	33	2.4	1	3.8	16	60.8
LYMAN	85	22.7	39	10.4	18	4.8	14	3.7	2	23.5	4	47.1
MCCOOK	97	15.3	83	13.1	53	8.4	9	1.4	1	10.3	4	41.2
MCPHERSON	49	12.5	53	13.6	35	9.0	2	0.5	1	20.4	2	40.8
MARSHALL	68	12.8	75	14.1	52	9.8	15	2.8	1	14.7	-	-
MEADE	420	20.0	140	6.7	157	7.5	90	4.3	4	9.5	32	76.2
MELLETTE	63	28.1	23	10.3	22	9.8	7	3.1	-	-	2	31.7
MINER	61	16.8	72	19.9	32	8.8	3	0.8	-	-	4	65.6
MINNEHAHA	1,939	17.2	907	8.0	1,441	12.8	544	4.8	10	5.2	233	120.2
MOODY	125	18.3	70	10.3	47	6.9	19	2.8	1	8.0	5	40.0
PENNINGTON	1,615	22.1	509	7.0	1,154	15.8	467	6.4	5	3.1	335	207.4
PERKINS	61	13.2	49	10.6	30	6.5	6	1.3	-	-	3	49.2
POTTER	49	13.0	37	9.8	29	7.7	6	1.6	1	20.4	2	40.8
ROBERTS	179	16.3	129	11.7	207	18.8	28	2.5	1	5.6	1	5.6
SANBORN	50	15.9	35	11.1	24	7.6	9	2.9	1	20.0	2	40.0
SHANNON	382	33.9	95	8.4	11	1.0	2	0.2	4	10.5	10	26.2
SPINK	141	15.5	96	10.5	59	6.5	12	1.3	-	-	11	78.0
STANLEY	44	18.3	14	5.8	22	9.1	13	5.4	-	-	3	68.2
SULLY	27	14.2	14	7.4	5	2.6	7	3.7	1	37.0	-	-
TODD	280	38.7	63	8.7	11	1.5	21	2.9	1	3.6	13	46.4
TRIPP	161	22.9	77	11.0	83	11.8	18	2.6	1	6.2	9	55.9
TURNER	140	15.3	149	16.3	75	8.2	16	1.8	-	-	5	35.7
UNION	172	15.8	127	11.6	311	28.5	52	4.8	-	-	7	40.7
WALWORTH	112	16.4	105	15.4	68	10.0	20	2.9	1	8.9	5	44.6
YANKTON	335	17.6	154	8.1	269	14.1	72	3.8	4	11.9	15	44.8
ZIEBACH	61	26.5	20	8.7	10	4.3	2	0.9	-	-	2	32.8
UNKNOWN COUNTY	-	-	-	-	-	-	-	-	-	-	57	-
	12,521	18.0	6,622	9.5	8,013	11.5	2,556	3.7	82	0.1	1,234	1.8

RATES WERE CALCULATED USING THE 1982 PROVISIONAL ESTIMATES.

RATES ARE PER 1000 POPULATION.

Population

Table 4

SOUTH DAKOTA POPULATION ESTIMATES

JULY 1, 1982

COUNTY	CENSUS APRIL 1, 1980	PROVISIONAL ESTIMATE	BIRTHS	DEATHS	NATURAL INCREASE	NET MIGRATION
AURORA	3,628	3,582	126	92	34	-80
BEADLE	19,195	19,206	716	449	267	-256
BENNETT	3,044	3,118	153	47	106	-32
BON HOMME	8,059	7,738	254	230	24	-345
BROOKINGS	24,332	24,907	938	353	585	-10
BROWN	36,962	37,437	1,482	719	763	-288
BRULE	5,245	5,333	229	110	119	-31
BUFFALO	1,795	1,707	140	54	86	-174
BUTTE	8,372	8,366	331	213	118	-124
CAMPBELL	2,243	2,224	75	44	31	-50
CHARLES MIX	9,680	9,642	434	265	169	-207
CLARK	4,894	4,816	178	135	43	-121
CLAY	13,689	13,700	447	184	263	-252
CODINGTON	20,885	21,837	918	455	463	489
CORSON	5,196	5,296	287	111	176	-76
CUSTER	6,000	6,281	225	117	108	173
DAVISON	17,820	17,723	772	390	382	-479
DAY	8,133	8,044	284	231	53	-142
DEUEL	5,289	5,292	174	142	32	-29
DEWEY	5,366	5,324	389	111	278	-320
DOUGLAS	4,181	4,132	143	98	45	-94
EDMUNDS	5,159	4,951	174	151	23	-231
FALL RIVER	8,439	7,955	320	289	31	-515
FAULK	3,327	3,274	134	95	39	-92
GRANT	9,013	9,218	357	186	171	34
GREGORY	6,015	5,960	250	177	73	-128
HAAKON	2,794	2,797	160	57	103	-100
HAMLIN	5,261	5,199	214	181	33	-95
HAND	4,948	4,802	185	100	85	-231
HANSON	3,415	3,405	129	58	71	-81
HARDING	1,700	1,706	72	35	37	-31
HUGHES	14,220	14,475	611	252	359	-104
HUTCHINSON	9,350	9,169	283	290	-7	-174
HYDE	2,069	1,972	71	55	16	-113
JACKSON	3,437	3,257	141	54	87	-267
JERAULD	2,929	2,882	107	76	31	-78
JONES	1,463	1,439	56	27	29	-53
KINGSBURY	6,679	6,663	245	239	6	-22
LAKE	10,724	10,884	429	233	196	-36
LAWRENCE	18,339	18,693	738	416	322	32
LINCOLN	13,942	13,894	519	296	223	-271
LYMAN	3,864	3,745	182	94	88	-207
MCCOOK	6,444	6,328	245	176	69	-185
MCPERSON	4,027	3,909	114	114	0	-118
MARSHALL	5,404	5,309	172	172	0	-95
MEADE	20,717	21,046	910	275	635	-306
MELLETTE	2,249	2,239	126	49	77	-87
MINER	3,739	3,621	119	144	-25	-93
MINNEHAHA	109,435	112,699	4,416	1,884	2,532	732
MOODY	6,692	6,818	275	153	122	4
PENNINGTON	70,361	73,031	3,582	1,128	2,454	216
PERKINS	4,700	4,619	171	84	87	-168
POTTER	3,674	3,763	151	93	58	31
ROBERTS	10,911	10,983	457	303	154	-82
SANBORN	3,213	3,148	134	102	32	-97
SHANNON	11,323	11,252	793	214	579	-650
SPINK	9,201	9,107	349	225	124	-218
STANLEY	2,533	2,409	130	38	92	-216
SULLY	1,990	1,903	98	30	68	-155
TODD	7,328	7,230	562	155	407	-505
TRIPP	7,268	7,023	323	167	156	-401
TURNER	9,255	9,126	323	262	61	-190
UNION	10,938	10,910	448	257	191	-219
WALWORTH	7,011	6,834	252	198	54	-231
YANKTON	18,952	19,041	777	367	410	-321
ZIEBACH	2,308	2,301	147	33	114	-121
	=======	=======	======	======	======	======
	690,768	696,694	29,146	14,534	14,612	-8,686

THE PROVISIONAL JULY 1, 1982 ESTIMATED WERE PRODUCED THROUGH THE FEDERAL STATE COOPERATIVE PROGRAM FOR LOCAL POPULATION ESTIMATES. THE ROUNDED ESTIMATES ARE PUBLISHED IN LOCAL POPULATION ESTIMATES, SERIES P-26, NO.-41-C.

Table 5

SOUTH DAKOTA 1982 COUNTY POPULATION ESTIMATES BY RACE AND SEX

	PROVISIONAL ESTIMATE	WHITE		INDIAN		OTHER	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	696694	318201	327378	21887	22871	3463	2893
AURORA	3582	1818	1734	20	2	6	3
BEADLE	19206	9172	9807	46	54	65	62
BENNETT	3118	933	970	599	603	9	3
BON HOMME	7738	3813	3751	51	78	36	10
BROOKINGS	24907	12395	12162	36	45	149	120
BROWN	37437	17231	19177	382	453	108	86
BRULE	5333	2548	2657	56	59	8	5
BUFFALO	1707	257	241	605	603	2	-
BUTTE	8366	4059	4095	36	52	65	59
CAMPBELL	2224	1144	1074	-	-	2	4
CHARLES MIX	9642	3927	4016	800	886	8	6
CLARK	4816	2425	2370	-	-	7	15
CLAY	13700	6627	6597	163	181	60	71
CODINGTON	21837	10449	11123	88	100	37	41
CORSON	5296	1399	1379	1313	1194	5	6
CUSTER	6281	3124	2952	89	82	19	16
DAVISON	17723	8362	9144	63	62	46	47
DAY	8044	3820	3765	203	247	6	3
DEUEL	5292	2708	2556	-	-	14	14
DEWEY	5324	1140	1070	1486	1596	16	16
DOUGLAS	4132	2058	2060	-	-	7	8
EDMUNDS	4951	2464	2470	-	-	9	8
FALL RIVER	7955	3881	3577	209	198	46	43
FAULK	3274	1646	1615	-	-	3	10
GRANT	9218	4543	4597	17	16	17	27
GREGORY	5960	2812	2903	123	111	5	6
HAAKON	2797	1395	1360	15	16	7	3
HAMLIN	5199	2568	2598	14	12	1	6
HAND	4802	2406	2382	-	-	4	11
HANSON	3405	1738	1649	-	-	7	11
HARDING	1706	886	798	12	5	5	-
HUGHES	14475	6477	7003	423	481	43	47
HUTCHINSON	9169	4491	4628	8	14	16	13
HYDE	1972	909	973	47	38	3	2
JACKSON	3257	903	931	692	721	5	6
JERAULD	2882	1437	1441	-	-	2	2
JONES	1439	717	710	-	-	5	7
KINGSBURY	6663	3271	3367	-	-	15	10
LAKE	10884	5260	5545	12	23	26	17
LAWRENCE	18693	8948	9282	164	171	78	49
LINCOLN	13894	6830	6976	16	25	26	21
LYMAN	3745	1497	1369	421	455	-	3
MCCOOK	6328	3123	3190	-	-	8	8
MCPHERSON	3909	1936	1967	-	-	5	2
MARSHALL	5309	2510	2515	146	136	2	-
MEADE	21046	10467	9414	155	133	546	331
MELLETTE	2239	713	645	440	428	6	7
MINER	3621	1762	1853	-	-	3	4
MINNEHAHA	112699	52765	57743	590	558	526	516
MOODY	6818	3205	3248	163	179	10	12
PENNINGTON	73031	33737	33512	1703	2072	1103	903
PERKINS	4619	2292	2273	22	22	4	7
POTTER	3763	1842	1898	10	11	2	-
ROBERTS	10983	4504	4324	1044	1089	14	8
SANBORN	3148	1595	1538	-	-	5	10
SHANNON	11252	350	363	5282	5226	18	14
SPINK	9107	4389	4623	40	38	11	7
STANLEY	2409	1146	1169	45	46	1	3
SULLY	1903	957	927	7	8	4	1
TODD	7230	783	783	2712	2900	26	26
TRIPP	7023	3252	3210	265	285	7	5
TURNER	9126	4553	4537	11	20	-	6
UNION	10910	5342	5433	30	27	38	40
WALWORTH	6834	3121	3294	176	224	9	10
YANKTON	19041	8856	9601	194	195	115	80
ZIEBACH	2301	512	445	645	693	5	1

THE RACE AND SEX POPULATION WAS PRODUCED BY THE CENTER FOR HEALTH STATISTICS, USING THE ASSUMPTION THAT THE RACE AND SEX DISTRIBUTION HAS REMAINED THE SAME FROM APRIL 1, 1980 TO JULY 1, 1982.

Table 6

ESTIMATED POPULATION BY COUNTY BY AGE GROUPS

JULY 1, 1982

	PROVISIONAL ESTIMATE	< 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-44 YEARS	45-54 YEARS	55-59 YEARS	60-64 YEARS	65+ YEARS
AURORA	3.582	63	199	275	288	370	218	215	192	325	363	236	195	642
BEADLE	19.206	308	1,206	1.334	1,335	1,714	1.649	1.513	1.253	1.893	2.067	1.126	986	2.824
BENNETT	3.118	68	251	315	289	323	231	251	195	289	315	134	126	331
BON HOMME	7.738	132	422	494	561	860	666	464	411	633	777	422	441	1.455
BROOKINGS	24.907	407	1.348	1.458	1.438	3.492	4.840	2.182	1.413	1.974	1.791	987	911	2.667
BROWN	37.437	608	2.236	2.684	2.913	3.990	4.082	3.067	2.627	3.635	3.475	1.751	1.594	4.775
BRULE	5.333	109	372	388	467	483	347	395	324	523	545	316	290	775
BUFFALO	1.707	46	188	213	203	193	156	97	104	171	114	65	56	102
BUTTE	8.366	162	555	656	692	736	627	668	594	809	807	447	425	1.190
CAMPBELL	2.224	33	99	121	197	213	124	142	95	225	289	176	134	377
CHARLES MIX	9.642	212	692	815	910	868	667	617	521	931	955	472	480	1.501
CLARK	4.816	92	311	346	302	394	273	333	255	421	548	309	327	906
CLAY	13.700	207	688	741	753	2.138	3.128	1.187	790	1.015	875	479	429	1.272
CODINGTON	21.837	430	1.513	1.669	1.623	2.155	2.010	1.822	1.407	2.121	1.964	1.063	1.015	3.045
CORSON	5.296	142	469	536	527	633	459	331	318	498	521	240	186	437
CUSTER	6.281	129	378	435	484	655	418	603	459	723	647	326	284	741
DAVISON	17.723	353	1.139	1.256	1.274	1.787	1.771	1.434	1.099	1.574	1.627	858	801	2.749
DAY	8.044	146	461	581	635	680	501	528	431	672	821	514	475	1.598
DEUEL	5.292	85	296	415	422	509	342	317	302	499	566	287	303	947
DEWEY	5.324	151	490	544	553	635	449	379	312	488	474	215	177	457
DOUGLAS	4.132	73	258	314	377	391	291	227	223	383	422	222	214	735
EDMUNDS	4.951	71	292	380	450	460	248	296	250	457	555	302	277	915
FALL RIVER	7.955	160	494	566	588	575	528	592	532	732	815	551	455	1.367
FAULK	3.274	56	187	211	295	319	166	196	179	307	402	205	167	585
GRANT	9.218	143	623	771	807	851	637	630	605	883	843	480	480	1.466
GREGORY	5.960	113	356	463	444	508	398	401	339	534	563	360	329	1.152
HAAKON	2.797	85	234	262	229	225	240	224	192	258	239	123	124	359
HAMLIN	5.199	99	309	386	426	416	293	292	283	423	510	335	326	1.102
HAND	4.802	76	278	346	394	423	294	317	280	453	586	320	258	776
HANSON	3.405	62	260	293	302	325	216	216	167	345	350	183	174	511
HARDING	1.706	32	99	125	138	187	134	157	99	171	160	78	101	224
HUGHES	14.475	301	983	1.228	1.287	1.194	1.139	1.361	1.272	1.715	1.330	578	577	1.409
HUTCHINSON	9.169	126	499	640	680	782	491	546	507	810	975	563	547	2.003
HYDE	1.972	28	129	146	159	193	114	128	85	185	237	96	105	368
JACKSON	3.257	65	282	361	354	321	216	223	220	323	286	120	138	346
JERAULD	2.882	54	197	218	203	242	146	209	148	280	280	145	183	578
JONES	1.439	28	79	112	124	123	90	112	81	154	169	82	67	218
KINGSBURY	6.663	114	385	419	481	526	413	425	334	581	745	404	427	1.410
LAKE	10.884	186	645	741	705	1.095	1.209	791	631	852	1.016	535	572	1.906
LAWRENCE	18.693	354	1.165	1.216	1.326	2.105	2.156	1.648	1.218	1.636	1.685	897	847	2.440
LINCOLN	13.894	308	979	1.154	1.091	1.202	995	1.101	990	1.430	1.255	654	624	2.113
LYMAN	3.745	79	326	347	337	340	297	270	232	354	371	175	163	455
MCCOOK	6.328	126	361	463	540	600	385	385	334	558	669	343	404	1.162
MCPERSON	3.909	59	182	252	279	344	205	216	190	356	492	278	267	788
MARSHALL	5.309	79	293	350	457	511	295	318	295	562	563	276	311	1.000
MEADE	21.046	481	1.682	1.962	1.711	2.136	2.132	2.195	1.772	2.237	1.643	716	647	1.732
MELLETTE	2.239	56	183	213	220	227	199	156	129	212	215	99	71	259
MINER	3.621	62	222	228	266	297	213	227	163	260	392	245	251	796
MINNEHAHA	112.699	1.950	7.032	8.444	8.677	11.063	12.159	10.920	8.855	11.595	10.385	5.119	4.557	11.942
MOODY	6.818	112	464	515	606	584	428	476	426	662	626	391	402	1.127
PENNINGTON	73.031	1.575	5.087	5.671	5.477	7.504	9.143	7.369	5.563	7.552	6.569	2.931	2.442	6.146
PERKINS	4.619	87	262	318	364	407	337	317	296	437	511	284	298	700
POTTER	3.763	65	246	276	326	345	201	248	220	374	382	214	204	664
ROBERTS	10.983	224	698	894	1.046	1.065	655	661	627	1.029	1.034	536	545	1.970
SANBORN	3.148	52	198	201	215	315	196	231	151	252	390	195	178	574
SHANNON	11.252	389	1.160	1.491	1.421	1.374	1.046	859	712	912	757	319	241	571
SPINK	9.107	146	505	648	653	795	698	695	538	876	1.034	531	505	1.483
STANLEY	2.409	42	200	220	208	246	180	227	176	276	204	96	96	238
SULLY	1.903	43	120	150	158	207	134	129	114	211	209	93	82	252
TODD	7.230	234	766	895	821	741	630	648	489	623	562	264	179	378
TRIPP	7.023	125	513	577	547	628	518	475	400	673	739	413	385	1.031
TURNER	9.126	138	506	602	676	709	525	606	539	825	1.005	524	550	1.920
UNION	10.910	225	811	914	823	912	821	946	742	1.008	1.049	595	508	1.556
WALWORTH	6.834	127	411	490	549	609	426	493	389	701	713	367	337	1.221
YANKTON	19.041	311	1.158	1.310	1.468	1.772	2.012	1.659	1.254	1.961	1.761	912	907	2.554
ZIEBACH	2.301	72	244	248	255	270	189	158	117	220	207	110	68	143
	=======	======	======	======	======	======	======	======	======	======	======	======	======	======
	696.694	13.271	45.676	53.307	54.825	69.293	67.397	57.522	46.456	67.059	65.449	33.782	31.225	91.431

Live Births

Every week in 1983, residents of South Dakota experienced an average of:

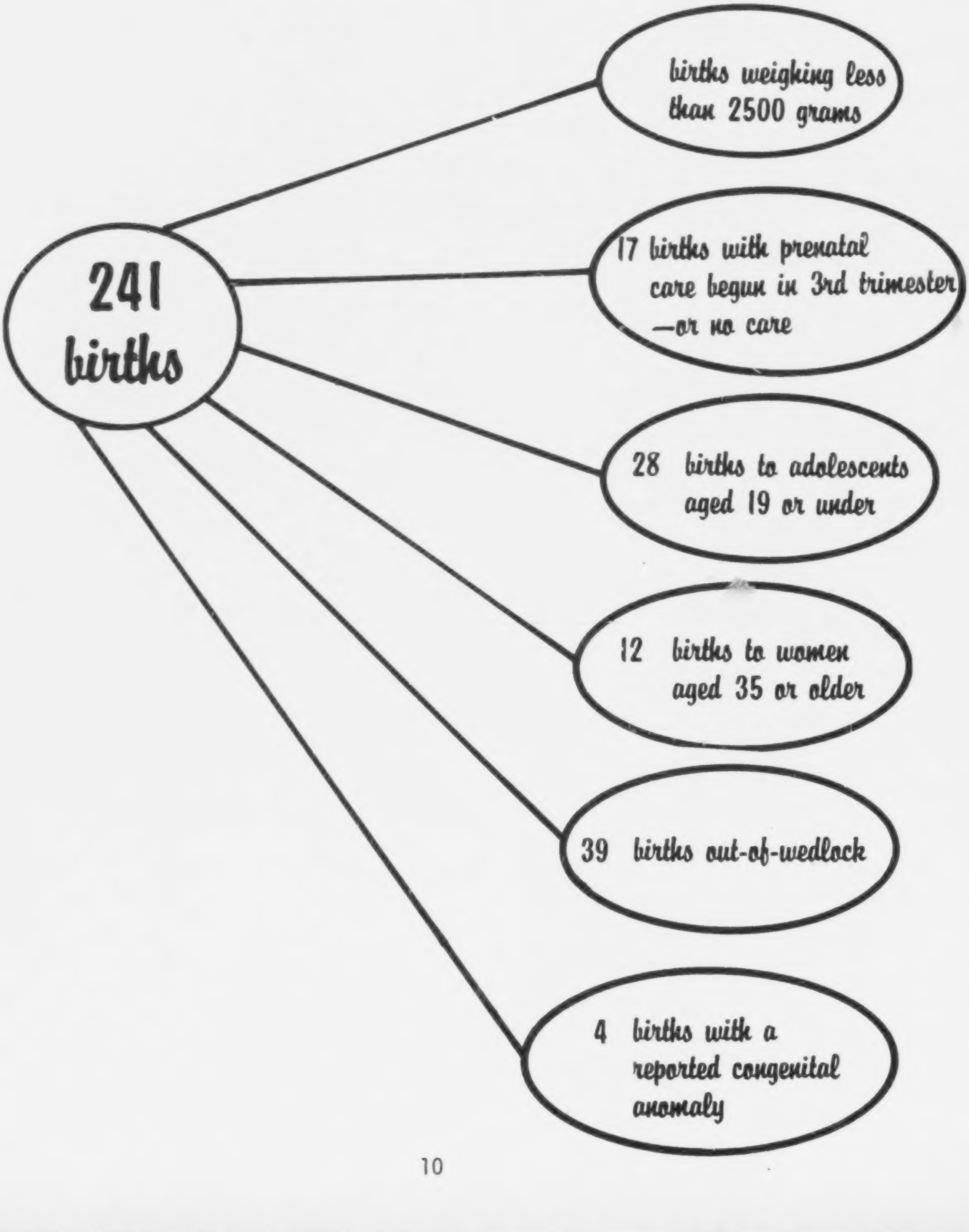

241 births
births weighing less than 2500 grams
17 births with prenatal care begun in 3rd trimester —or no care
28 births to adolescents aged 19 or under
12 births to women aged 35 or older
39 births out-of-wedlock
4 births with a reported congenital anomaly

Table 7

BIRTHS BY COUNTY OF RESIDENCE OF MOTHER AND RACE OF MOTHER, 1983

	TOTAL BIRTHS	TOTAL BIRTH RATE	WHITE BIRTHS	WHITE BIRTH RATE	INDIAN BIRTHS	INDIAN BIRTH RATE	OTHER BIRTHS	OTHER BIRTH RATE
AURORA	47	13.1	47	13.2	-	-	-	-
BEADLE	267	13.9	265	14.0	1	10.0	1	7.9
BENNETT	75	24.1	34	17.9	40	33.3	1	81.4
BON HOMME	120	15.5	116	15.3	3	23.3	1	22.2
BROOKINGS	410	16.5	404	16.5	2	24.7	4	14.9
BROWN	532	14.2	505	13.9	25	30.0	2	10.3
BRULE	99	18.6	91	17.5	6	52.2	2	151.3
BUFFALO	49	28.7	9	18.1	40	33.1	-	-
BUTTE	128	15.3	126	15.5	2	22.7	-	-
CAMPBELL	28	12.6	26	11.7	1	1009	1	201.7
CHARLES MIX	222	23.0	145	18.3	77	45.7	-	-
CLARK	81	16.8	81	16.9	-	-	-	-
CLAY	186	13.6	178	13.5	8	23.2	-	-
CODINGTON	386	17.7	378	17.5	8	42.5	-	-
CORSON	130	24.5	41	14.8	88	35.1	1	89.2
CUSTER	80	12.7	78	12.8	2	11.7	-	-
DAVISON	330	18.6	321	18.3	6	48.3	3	32.4
DAY	123	15.3	101	13.3	22	48.9	-	-
DEUEL	73	13.8	73	13.9	-	-	-	-
DEWEY	153	28.7	47	21.3	105	34.1	1	31.5
DOUGLAS	75	18.2	75	18.2	-	-	-	-
EDMUNDS	57	11.5	57	11.6	-	-	-	-
FALL RIVER	129	16.2	122	16.4	6	14.7	1	11.2
FAULK	52	15.9	52	15.9	-	-	-	-
GRANT	175	19.0	173	18.9	2	59.3	-	-
GREGORY	94	15.8	80	14.0	14	59.9	-	-
HAAKON	55	19.7	51	18.5	3	96.7	1	99.9
HAMLIN	81	15.6	81	15.7	-	-	-	-
HAND	61	12.7	61	12.7	-	-	-	-
HANSON	38	11.2	38	11.2	-	-	-	-
HARDING	34	19.9	33	19.6	1	58.6	-	-
HUGHES	266	18.4	232	17.2	30	33.2	4	44.7
HUTCHINSON	154	16.8	154	16.9	-	-	-	-
HYDE	26	13.2	24	12.7	2	23.6	-	-
JACKSON	65	20.0	24	13.1	41	29.0	-	-
JERAULD	33	11.5	33	11.5	-	-	-	-
JONES	30	20.8	30	21.0	-	-	-	-
KINGSBURY	98	14.7	97	14.6	-	-	1	45.6
LAKE	176	16.2	176	16.3	-	-	-	-
LAWRENCE	324	17.3	318	17.4	6	17.9	-	-
LINCOLN	263	18.9	261	18.9	1	24.5	1	21.4
LYMAN	85	22.7	41	14.3	44	50.3	-	-
MCCOOK	97	15.3	96	15.2	-	-	1	72.7
MCPHERSON	49	12.5	49	12.6	-	-	-	-
MARSHALL	68	12.8	61	12.1	7	24.8	-	-
MEADE	420	20.0	404	20.3	7	24.3	9	10.3
MELLETTE	63	28.1	25	18.4	38	43.8	-	-
MINER	61	16.8	61	16.9	-	-	-	-
MINNEHAHA	1,939	17.2	1,879	17.0	36	31.4	24	23.0
MOODY	125	18.3	113	17.5	12	35.1	-	-
PENNINGTON	1,615	22.1	1,354	20.1	203	53.8	58	28.9
PERKINS	61	13.2	60	13.1	1	23.1	-	-
POTTER	49	13.0	46	12.3	3	139.5	-	-
ROBERTS	179	16.3	107	12.1	72	33.8	-	-
SANBORN	50	15.9	50	16.0	-	-	-	-
SHANNON	382	33.9	13	18.2	369	35.1	-	-
SPINK	141	15.5	140	15.5	1	13.0	-	-
STANLEY	44	18.3	41	17.7	3	33.2	-	-
SULLY	27	14.2	27	14.3	-	-	-	-
TODD	280	38.7	38	24.3	242	43.1	-	-
TRIPP	161	22.9	126	19.5	35	63.7	-	-
TURNER	140	15.3	140	15.4	-	-	-	-
UNION	172	15.8	168	15.6	3	52.8	1	12.9
WALWORTH	112	16.4	96	15.0	16	39.9	-	-
YANKTON	335	17.6	328	17.8	5	12.9	2	10.3
ZIEBACH	61	26.5	10	10.4	51	38.1	-	-
	======	=====	======	=====	=====	=====	===	=====
	12,521	18.0	10,711	16.6	1,690	37.8	120	18.9

RATES WERE CALCULATED USING THE 1982 PROVISIONAL ESTIMATE.

Table 8

BIRTHS BY COUNTY OF RESIDENCE, RACE AND SEX, 1983

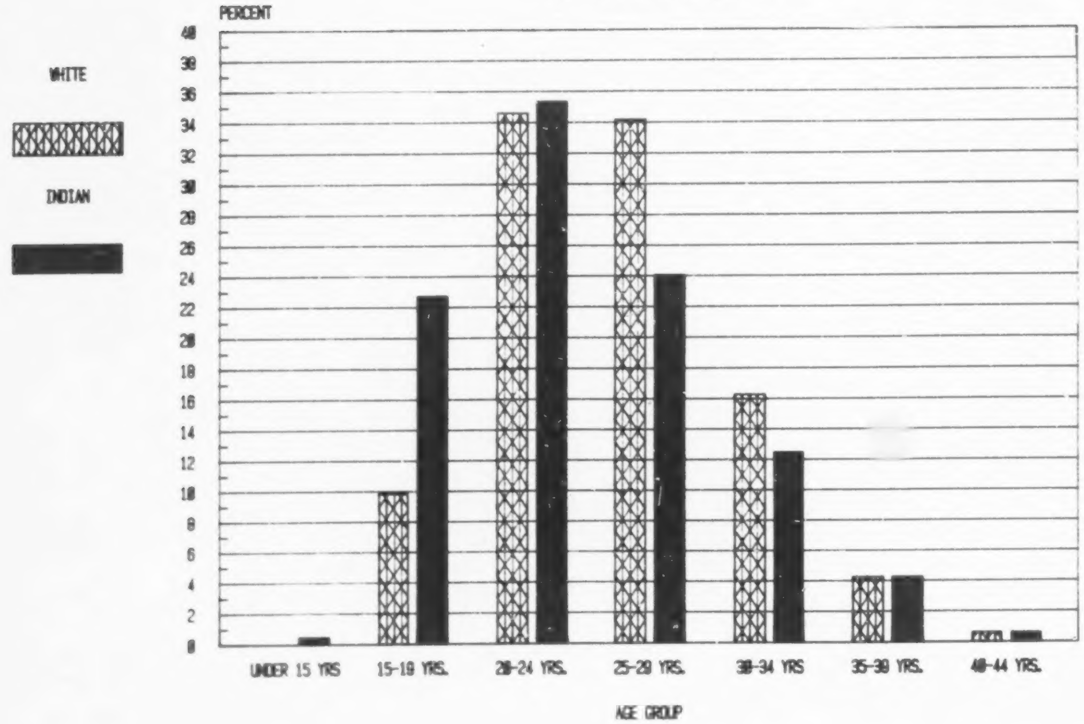
		TOTAL		WHITE		BLACK		INDIAN		OTHER		UNKNOWN	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	12521	6381	6140	5515	5196	28	22	798	892	38	30	2	-
AURORA	47	23	24	23	24	-	-	-	-	-	-	-	-
BEADLE	267	148	119	147	118	-	-	1	-	-	1	-	-
BENNETT	75	37	38	14	20	-	-	22	18	1	-	-	-
BON HOMME	120	62	58	58	58	-	-	3	-	1	-	-	-
BROOKINGS	410	197	213	193	211	-	1	2	-	2	1	-	-
BROWN	532	283	249	271	234	-	-	11	14	1	1	-	-
BRULE	99	51	48	46	45	-	-	4	2	1	1	-	-
BUFFALO	49	24	25	5	4	-	-	19	21	-	-	-	-
BUTTE	128	64	64	63	63	-	-	1	1	-	-	-	-
CAMPBELL	28	16	12	16	10	-	-	-	1	-	1	-	-
CHARLES MIX	222	105	117	67	78	-	-	38	39	-	-	-	-
CLARK	81	33	48	33	48	-	-	-	-	-	-	-	-
CLAY	186	100	86	97	81	-	-	3	5	-	-	-	-
CODINGTON	386	200	186	196	182	-	-	4	4	-	-	-	-
CORSON	130	58	72	20	21	-	-	38	50	-	1	-	-
CUSTER	80	38	42	37	41	-	-	1	1	-	-	-	-
DAVISON	330	145	185	141	180	-	1	3	3	1	1	-	-
DAY	123	63	60	53	48	-	-	10	12	-	-	-	-
DEUEL	73	37	36	37	36	-	-	-	-	-	-	-	-
DEWEY	153	69	84	24	23	-	-	45	60	-	1	-	-
DOUGLAS	75	49	26	49	26	-	-	-	-	-	-	-	-
EDMUNDS	57	32	25	32	25	-	-	-	-	-	-	-	-
FALL RIVER	129	73	56	70	52	-	-	2	4	-	-	1	-
FAULK	52	24	28	24	28	-	-	-	-	-	-	-	-
GRANT	175	91	84	89	84	-	-	2	-	-	-	-	-
GREGORY	94	49	45	45	35	-	-	4	10	-	-	-	-
HAAKON	55	31	24	29	22	-	-	1	2	1	-	-	-
HAMLIN	81	48	33	48	33	-	-	-	-	-	-	-	-
HAND	61	35	26	35	26	-	-	-	-	-	-	-	-
HANSON	38	20	18	20	18	-	-	-	-	-	-	-	-
HARDING	34	17	17	16	17	-	-	1	-	-	-	-	-
HUGHES	266	135	131	118	114	1	-	13	17	3	-	-	-
HUTCHINSON	154	78	76	78	76	-	-	-	-	-	-	-	-
HYDE	26	11	15	11	13	-	-	-	2	-	-	-	-
JACKSON	65	30	35	11	13	-	-	19	22	-	-	-	-
JERAULD	33	14	19	14	19	-	-	-	-	-	-	-	-
JONES	30	13	17	13	17	-	-	-	-	-	-	-	-
KINGSBURY	98	56	42	55	42	-	-	-	-	1	-	-	-
LAKE	176	85	91	85	91	-	-	-	-	-	-	-	-
LAWRENCE	324	170	154	167	151	-	-	3	3	-	-	-	-
LINCOLN	263	133	130	132	129	-	-	1	-	-	1	-	-
LYMAN	85	43	42	23	18	-	-	20	24	-	-	-	-
MCCOOK	97	53	44	52	44	-	-	-	-	1	-	-	-
MCPHERSON	49	25	24	25	24	-	-	-	-	-	-	-	-
MARSHALL	68	40	28	36	25	-	-	4	3	-	-	-	-
MEADE	420	215	205	205	199	4	4	5	2	1	-	-	-
MELLETTE	63	35	28	11	14	-	-	24	14	-	-	-	-
MINER	61	28	33	28	33	-	-	-	-	-	-	-	-
MINNEHAHA	1939	990	949	965	914	1	4	13	23	10	8	1	-
MOODY	125	72	53	63	50	-	-	9	3	-	-	-	-
PENNINGTON	1615	837	778	710	644	22	12	92	111	13	11	-	-
PERKINS	61	31	30	31	29	-	-	-	1	-	-	-	-
POTTER	49	28	21	27	19	-	-	1	2	-	-	-	-
ROBERTS	179	94	85	60	47	-	-	34	38	-	-	-	-
SANBORN	50	22	28	22	28	-	-	-	-	-	-	-	-
SHANNON	382	179	203	8	5	-	-	171	198	-	-	-	-
SPINK	141	76	65	75	65	-	-	1	-	-	-	-	-
STANLEY	44	22	22	20	21	-	-	2	1	-	-	-	-
SULLY	27	16	11	16	11	-	-	-	-	-	-	-	-
TODD	280	142	138	21	17	-	-	121	121	-	-	-	-
TRIPP	161	78	83	63	63	-	-	15	20	-	-	-	-
TURNER	140	69	71	69	71	-	-	-	-	-	-	-	-
UNION	172	81	91	78	90	-	-	3	-	-	1	-	-
WALWORTH	112	57	55	52	44	-	-	5	11	-	-	-	-
YANKTON	335	174	161	169	159	-	-	4	1	1	1	-	-
ZIEBACH	61	27	34	4	6	-	-	23	28	-	-	-	-

Table 9

BIRTHS BY COUNTY OF RESIDENCE OF MOTHER BY MOTHER'S AGE, 1983

	TOTAL NUMBER	AGE OF MOTHER 01-14 NUMBER	%	15-19 NUMBER	%	20-24 NUMBER	%	25-29 NUMBER	%	30-34 NUMBER	%	35-39 NUMBER	%	40-44 NUMBER	%	45+ NUMBER	%
	12521	10	0	1459	12	4340	35	4112	33	1986	16	533	4	75	1	6	0
AURORA	47	-	-	4	9	13	28	20	43	6	13	3	6	1	2	-	-
BEADLE	267	-	-	28	10	96	36	92	34	37	14	11	4	3	1	-	-
BENNETT	75	-	-	15	20	24	32	15	20	18	24	3	4	-	-	-	-
BON HOMME	120	-	-	13	11	35	29	34	28	32	27	5	4	1	1	-	-
BROOKINGS	410	-	-	23	6	150	37	141	34	73	18	21	5	2	0	-	-
BROWN	532	-	-	51	10	177	33	196	37	80	15	23	4	5	1	-	-
BRULE	99	-	-	10	10	34	34	29	29	21	21	4	4	1	1	-	-
BUFFALO	49	1	2	10	20	16	33	15	31	4	8	3	6	-	-	-	-
BUTTE	128	-	-	19	15	49	38	43	34	11	9	4	3	2	2	-	-
CAMPBELL	28	-	-	6	21	10	36	8	29	3	11	1	4	-	-	-	-
CHARLES MIX	222	1	0	29	13	67	30	75	34	37	17	11	5	2	1	-	-
CLARK	81	-	-	10	12	26	32	22	27	20	25	3	4	-	-	-	-
CLAY	186	1	1	12	6	64	34	70	38	31	17	7	4	1	1	-	-
CODINGTON	386	-	-	45	12	142	37	133	34	56	15	9	2	1	0	-	-
CORSON	130	-	-	26	20	41	32	38	29	16	12	9	7	-	-	-	-
CUSTER	80	-	-	12	15	28	35	26	32	11	14	3	4	-	-	-	-
DAVISON	330	-	-	43	13	119	36	106	32	49	15	12	4	1	0	-	-
DAY	123	-	-	21	17	47	38	32	26	18	15	5	4	-	-	-	-
DEUEL	73	-	-	5	7	27	37	29	40	9	12	3	4	-	-	-	-
DEWEY	153	-	-	28	18	70	46	30	20	22	14	2	1	1	1	-	-
DOUGLAS	75	-	-	4	5	29	39	28	37	11	15	3	4	-	-	-	-
EDMUNDS	57	-	-	3	5	25	44	14	25	10	18	4	7	-	-	1	2
FALL RIVER	129	-	-	18	14	40	31	35	27	32	25	3	2	-	-	1	1
FAULK	52	-	-	4	8	18	35	20	38	6	12	4	8	-	-	-	-
GRANT	175	2	1	27	15	69	39	43	25	27	15	5	3	2	1	-	-
GREGORY	94	-	-	13	14	31	33	35	37	11	12	3	3	1	1	-	-
HAAKON	55	-	-	4	7	15	27	19	35	12	22	4	7	1	2	-	-
HAMLIN	81	-	-	5	6	28	35	29	36	13	16	6	7	-	-	-	-
HAND	61	-	-	7	11	26	43	14	23	10	16	3	5	1	2	-	-
HANSON	38	-	-	2	5	14	37	12	32	7	18	3	8	-	-	-	-
HARDING	34	-	-	6	18	8	24	11	32	7	21	2	6	-	-	-	-
HUGHES	266	-	-	24	9	72	27	93	35	55	21	18	7	4	2	-	-
HUTCHINSON	154	-	-	12	8	49	32	51	33	26	17	13	8	3	2	-	-
HYDE	26	-	-	3	12	13	50	7	27	-	-	2	8	1	4	-	-
JACKSON	65	1	2	11	17	21	32	17	26	12	18	3	5	-	-	-	-
JERAULD	33	-	-	4	12	8	24	8	24	10	30	3	9	-	-	-	-
JONES	30	-	-	3	10	10	33	12	40	2	7	3	10	-	-	-	-
KINGSBURY	98	-	-	3	3	35	36	35	36	20	20	4	4	1	1	-	-
LAKE	176	-	-	15	9	65	37	62	35	26	15	6	3	2	1	-	-
LAWRENCE	324	-	-	40	12	119	37	100	31	51	16	11	3	3	1	-	-
LINCOLN	263	-	-	25	10	82	31	102	39	44	17	9	3	1	0	-	-
LYMAN	85	1	1	19	22	25	29	21	25	14	16	3	4	2	2	-	-
MCCOOK	97	-	-	10	10	30	31	32	33	20	21	4	4	1	1	-	-
MCPHERSON	49	-	-	3	6	14	29	14	29	12	24	6	12	-	-	-	-
MARSHALL	68	-	-	9	13	18	26	19	28	17	25	5	7	-	-	-	-
MEADE	420	-	-	38	9	151	36	153	36	60	14	15	4	2	0	1	0
MELLETTE	63	-	-	10	16	26	41	16	25	6	10	5	8	-	-	-	-
MINER	61	-	-	3	5	19	31	19	31	13	21	6	10	1	2	-	-
MINNEHAHA	1939	1	0	152	8	619	32	737	38	345	18	75	4	9	0	1	0
MOODY	125	-	-	6	5	42	34	43	34	27	22	7	6	-	-	-	-
PENNINGTON	1615	-	-	244	15	647	40	470	29	195	12	50	3	9	1	-	-
PERKINS	61	-	-	8	13	20	33	21	34	7	11	5	8	-	-	-	-
POTTER	49	-	-	3	6	25	51	10	20	7	14	4	8	-	-	-	-
ROBERTS	179	-	-	27	15	57	32	58	32	26	15	11	6	-	-	-	-
SANBORN	50	-	-	5	10	20	40	16	32	4	8	5	10	-	-	-	-
SHANNON	382	1	0	74	19	142	37	101	26	48	13	14	4	1	0	1	0
SPINK	141	-	-	14	10	59	42	43	30	21	15	4	3	-	-	-	-
STANLEY	44	-	-	3	7	13	30	21	48	4	9	2	5	1	2	-	-
SULLY	27	-	-	2	7	9	33	11	41	3	11	2	7	-	-	-	-
TODD	280	1	0	63	22	86	31	75	27	44	16	9	3	2	1	-	-
TRIPP	161	-	-	30	19	49	30	43	27	26	16	11	7	2	1	-	-
TURNER	140	-	-	10	7	37	26	60	43	25	18	6	4	1	1	1	1
UNION	172	-	-	15	9	53	31	68	40	26	15	10	6	-	-	-	-
WALWORTH	112	-	-	21	19	29	26	41	37	17	15	4	4	-	-	-	-
YANKTON	335	-	-	36	11	113	34	102	30	66	20	15	4	3	1	-	-
ZIEBACH	61	-	-	11	18	25	41	17	28	7	11	1	2	-	-	-	-

Figure 1



LIVE BIRTHS, 1983

BY AGE OF MOTHER BY RACE

Table 10

RESIDENT BIRTHS BY AGE, RACE AND MARITAL STATUS OF MOTHER, 1983

		MOTHER'S RACE AND MARITAL STATUS											
		WHITE			INDIAN			OTHER			UNKNOWN		
	TOTAL BIRTHS	MARRIED	NOT MARRIED	UNKNOWN	MARRIED	NOT MARRIED	UNKNOWN	MARRIED	NOT MARRIED	UNKNOWN	MARRIED	NOT MARRIED	UNKNOWN
TOTAL	12521	9634	576	1	657	1532	1	102	16	-	2	-	-
MOTHER'S AGE													
12	1	-	-	-	-	1	-	-	-	-	-	-	-
13	1	-	-	-	-	1	-	-	-	-	-	-	-
14	9	-	3	-	-	5	-	-	-	-	-	-	-
15	42	4	17	-	2	19	-	-	-	-	-	-	-
16	131	33	44	-	2	50	-	1	1	-	-	-	-
17	236	70	91	-	11	61	-	-	3	-	-	-	-
18	445	208	126	-	22	86	-	3	-	-	-	-	-
19	605	341	125	-	31	101	-	4	3	-	-	-	-
20	690	451	101	-	53	82	-	3	-	-	-	-	-
21	843	605	106	-	47	77	-	7	1	-	-	-	-
22	884	691	62	-	49	77	1	3	1	-	-	-	-
23	980	805	61	-	47	60	-	7	-	-	-	-	-
24	943	782	47	-	51	53	-	9	1	-	-	-	-
25	967	815	33	-	39	65	-	14	1	-	-	-	-
26	835	724	28	-	36	41	-	4	1	-	1	-	-
27	863	732	35	-	34	48	-	13	1	-	-	-	-
28	750	660	18	1	35	32	-	4	-	-	-	-	-
29	697	607	8	-	41	36	-	5	-	-	-	-	-
30	555	474	16	-	33	29	-	3	-	-	-	-	-
31	517	449	12	-	18	32	-	4	2	-	-	-	-
32	401	340	13	-	24	18	-	6	-	-	-	-	-
33	279	238	7	-	20	10	-	4	-	-	-	-	-
34	234	198	6	-	18	9	-	2	1	-	-	-	-
35	185	160	-	-	11	12	-	2	-	-	-	-	-
36	120	102	1	-	10	7	-	-	-	-	-	-	-
37	98	80	4	-	7	6	-	1	-	-	-	-	-
38	68	57	3	-	3	2	-	2	-	-	1	-	-
39	62	45	4	-	6	7	-	-	-	-	-	-	-
40	30	21	2	-	4	3	-	-	-	-	-	-	-
41	20	18	-	-	2	-	-	-	-	-	-	-	-
42	13	10	1	-	1	1	-	-	-	-	-	-	-
43	7	4	2	-	-	-	-	1	-	-	-	-	-
44	5	5	-	-	-	-	-	-	-	-	-	-	-
45	2	2	-	-	-	-	-	-	-	-	-	-	-
46	4	3	-	-	-	1	-	-	-	-	-	-	-

Table 11

OUT OF WEDLOCK BIRTHS BY RESIDENT COUNTY AND RACE, 1983

COUNTY	TOTAL BIRTHS	UNWED MOHTERS								
		TOTAL NUMBER	TOTAL RATIO	WHITE NUMBER	WHITE RATIO	INDIAN NUMBER	INDIAN RATIO	OTHER NUMBER	OTHER RATIO	UNK MARITAL STATUS
AURORA	47	2	42.6	2	42.6	-	-	-	-	-
BEADLE	267	26	97.4	26	98.1	-	-	-	-	-
BENNETT	75	30	400.0	3	88.2	27	675.0	-	-	-
BON HOMME	120	14	116.7	12	103.4	2	666.7	-	-	-
BROOKINGS	410	29	70.7	29	71.8	-	-	-	-	-
BROWN	532	60	112.8	51	101.0	8	320.0	1	500.0	-
BRULE	99	12	121.2	7	76.9	5	833.3	-	-	-
BUFFALO	49	32	653.1	-	-	32	800.0	-	-	-
BUTTE	128	16	125.0	15	119.0	1	500.0	-	-	-
CAMPBELL	28	1	35.7	1	38.5	-	-	-	-	-
CHARLES MIX	222	52	234.2	3	20.7	49	636.4	-	-	-
CLARK	81	4	49.4	4	49.4	-	-	-	-	-
CLAY	186	19	102.2	16	89.9	3	375.0	-	-	-
CODINGTON	386	41	106.2	37	97.9	4	500.0	-	-	-
CORSON	130	56	430.8	-	-	56	636.4	-	-	-
CUSTER	80	10	125.0	8	102.6	2	1000.0	-	-	-
DAVISON	330	38	115.2	32	99.7	6	1000.0	-	-	-
DAY	123	15	122.0	5	49.5	10	454.5	-	-	-
DEUEL	73	7	95.9	7	95.9	-	-	-	-	-
DEWEY	153	67	437.9	4	85.1	63	600.0	-	-	-
DOUGLAS	75	-	-	-	-	-	-	-	-	-
EDMUNDS	57	-	-	-	-	-	-	-	-	-
FALL RIVER	129	22	170.5	18	147.5	4	666.7	-	-	-
FAULK	52	5	96.2	5	96.2	-	-	-	-	-
GRANT	175	22	125.7	22	127.2	-	-	-	-	-
GREGORY	94	10	106.4	4	50.0	6	428.6	-	-	-
HAAKON	55	2	36.4	2	39.2	-	-	-	-	-
HAMLIN	81	4	49.4	4	49.4	-	-	-	-	-
HAND	61	2	32.8	2	32.8	-	-	-	-	-
HANSON	38	1	26.3	1	26.3	-	-	-	-	-
HARDING	34	3	88.2	3	90.9	-	-	-	-	-
HUGHES	266	39	146.6	23	99.1	15	500.0	1	250.0	1
HUTCHINSON	154	11	71.4	11	71.4	-	-	-	-	-
HYDE	26	2	76.9	2	83.3	-	-	-	-	-
JACKSON	65	22	338.5	2	83.3	20	487.5	-	-	-
JERAULD	33	1	30.3	1	30.3	-	-	-	-	-
JONES	30	4	133.3	4	133.3	-	-	-	-	-
KINGSBURY	98	4	40.8	4	41.2	-	-	-	-	-
LAKE	176	10	56.8	10	56.8	-	-	-	-	-
LAWRENCE	324	51	157.4	51	160.4	-	-	-	-	-
LINCOLN	263	19	72.2	19	72.8	-	-	-	-	-
LYMAN	85	27	317.6	1	24.4	26	590.9	-	-	-
MCCOOK	97	9	92.8	9	93.8	-	-	-	-	-
MCPHERSON	49	2	40.8	2	40.8	-	-	-	-	-
MARSHALL	68	9	132.4	4	65.6	5	714.3	-	-	-
MEADE	420	49	116.7	46	113.9	3	428.6	-	-	-
MELLETTE	63	24	381.0	4	160.0	20	526.3	-	-	-
MINER	61	3	49.2	3	49.2	-	-	-	-	-
MINNEHAHA	1,939	211	108.8	186	99.0	23	638.9	2	83.3	-
MOODY	125	9	72.0	6	53.1	3	250.0	-	-	-
PENNINGTON	1,615	298	184.5	161	118.9	126	620.7	11	189.7	-
PERKINS	61	5	82.0	4	66.7	1	1000.0	-	-	-
POTTER	49	3	61.2	2	43.5	1	333.3	-	-	-
ROBERTS	179	48	268.2	4	37.4	44	611.1	-	-	-
SANBORN	50	3	60.0	3	60.0	-	-	-	-	-
SHANNON	382	250	654.5	3	230.8	247	669.4	-	-	-
SPINK	141	17	120.6	16	114.3	1	1000.0	-	-	-
STANLEY	44	5	113.6	2	48.8	3	1000.0	-	-	-
SULLY	27	1	37.0	1	37.0	-	-	-	-	-
TODD	280	157	560.7	1	26.3	156	644.6	-	-	-
TRIPP	161	23	142.9	7	55.6	16	457.1	-	-	1
TURNER	140	9	64.3	9	64.3	-	-	-	-	-
UNION	172	16	93.0	13	77.4	3	1000.0	-	-	-
WALWORTH	112	20	178.6	7	72.9	13	812.5	-	-	-
YANKTON	335	38	113.4	32	97.6	5	1000.0	1	500.0	-
ZIEBACH	61	23	377.0	-	-	23	451.0	-	-	-
	======	=====	======	===	======	=====	=======	==	======	=
	12,521	2,024	161.6	976	91.1	1.032	610.7	16	133.3	2

Ratio Per 1,000 Live Births

Figure 2

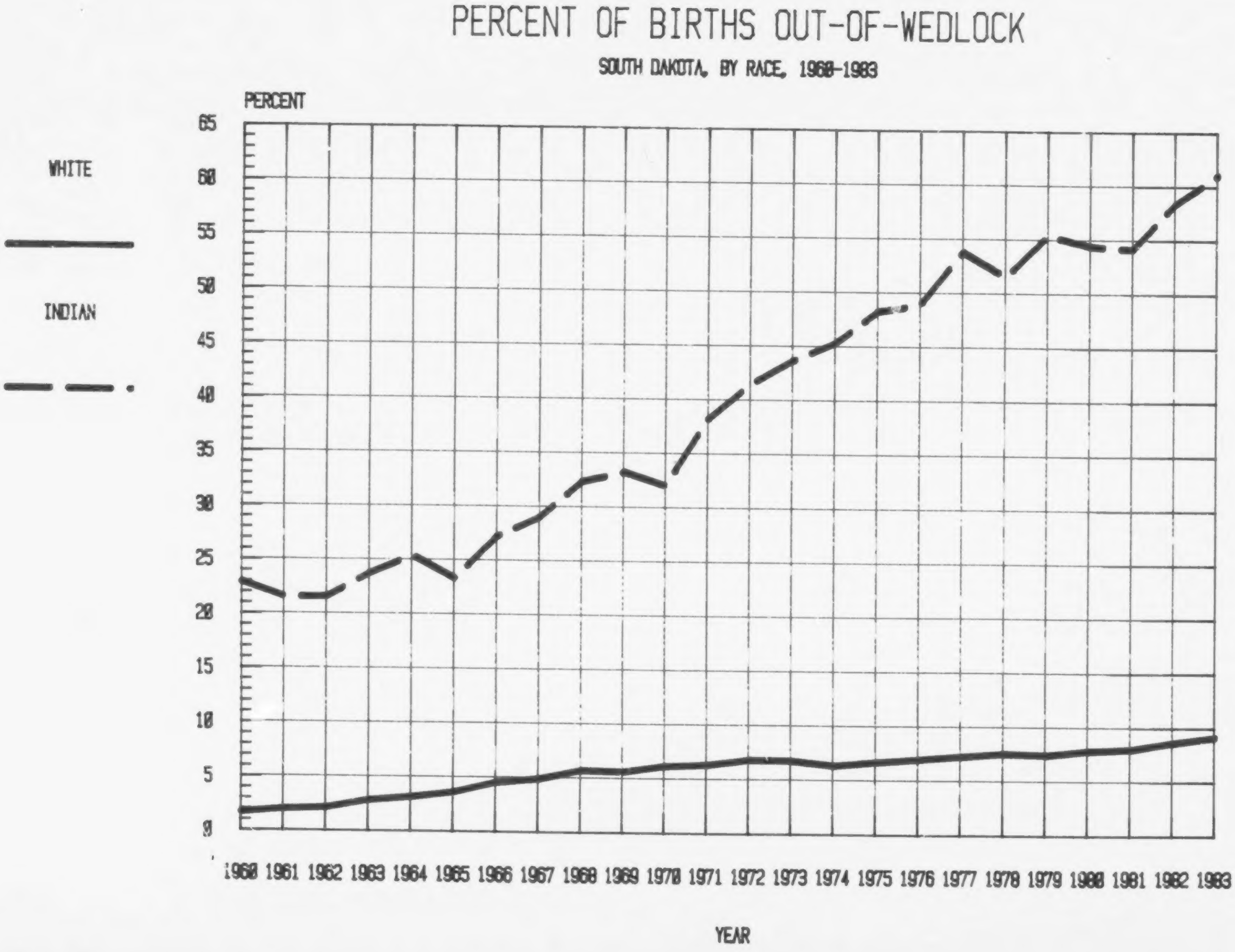

PERCENT OF BIRTHS OUT-OF-WEDLOCK
SOUTH DAKOTA, BY RACE, 1960-1983
PERCENT
65
60
55
50
45
40
35
30
25
20
15
10
5
0
WHITE
INDIAN
1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983
YEAR

Table 12

SINGLE LIVE BIRTHS BY AGE OF MOTHER, RACE AND MONTH PRENATAL CARE BEGAN, 1983

		TOTAL	MONTH PRENATAL CARE BEGAN										
			NONE	1	2	3	4	5	6	7	8	9	NOT STATED
		12409	291	757	4749	3390	1406	707	425	299	205	102	78
WHITE	TOTAL	10627	105	664	4367	3071	1186	539	302	179	119	48	47
INDIAN	TOTAL	1663	182	87	346	275	206	162	118	117	86	54	30
OTHER	TOTAL	119	4	6	36	44	14	6	5	3	-	-	1
	MOTHER'S AGE												
TOTAL	01-14	10	-	-	1	2	4	-	2	1	-	-	-
	15-19	1454	63	58	336	353	222	147	120	67	47	25	16
	20-24	4302	103	252	1615	1188	487	274	141	108	71	37	26
	25-29	4072	75	274	1719	1167	416	165	99	63	53	20	21
	30-34	1568	36	141	871	517	192	87	42	44	18	12	8
	35-39	523	11	27	184	145	76	23	18	12	15	5	7
	40-44	74	3	5	22	16	8	11	3	2	1	3	-
	45+	6	-	-	1	2	1	-	-	2	-	-	-
MOTHER'S RACE	MOTHER'S AGE												
WHITE	01-14	3	-	-	-	1	1	-	1	-	-	-	-
	15-19	1058	24	45	256	293	164	105	82	36	29	14	10
	20-24	3683	46	217	1480	1075	415	208	100	68	47	15	12
	25-29	3629	19	255	1621	1077	367	128	73	38	25	11	15
	30-34	1740	12	125	822	474	170	68	29	25	7	2	6
	35-39	447	3	19	168	135	61	21	14	9	10	3	4
	40-44	62	1	3	20	14	7	9	3	1	1	3	-
	45+	5	-	-	-	2	1	-	-	2	-	-	-
INDIAN	01-14	7	-	-	1	1	3	-	1	1	-	-	-
	15-19	381	37	13	78	55	55	41	36	31	18	11	6
	20-24	587	57	34	123	102	69	64	40	38	24	22	14
	25-29	399	55	16	88	68	45	36	24	25	28	9	5
	30-34	207	24	14	41	37	20	17	13	18	11	10	2
	35-39	70	7	8	12	10	14	2	4	3	5	2	3
	40-44	11	2	2	2	2	-	2	-	1	-	-	-
	45+	1	-	-	1	-	-	-	-	-	-	-	-
OTHER	15-19	15	2	-	2	5	3	1	2	-	-	-	-
	20-24	32	-	1	12	11	3	2	1	2	-	-	-
	25-29	44	1	3	10	22	4	1	2	-	-	-	1
	30-34	21	-	2	8	6	2	2	-	1	-	-	-
	35-39	6	1	-	4	-	1	-	-	-	-	-	-
	40-44	1	-	-	-	-	1	-	-	-	-	-	-

MULTIPLE LIVE BIRTHS ARE CONSIDERED AS A SINGLE PREGNANCY.

Table 13

BIRTHS BY COUNTY OF RESIDENCE AND BIRTH WEIGHT, 1983

		BIRTH WEIGHT IN GRAMS											
	TOTAL	499 OR LESS	500 999	1.000 1,499	1.500 1,999	2.000 2.499	2.500 2,999	3.000 3,499	3.500 3,999	4.000 4.499	4.500 4.999	5,000 OR MORE	UNK.
TOTAL	12521	8	51	55	125	404	1572	4391	4170	1404	301	36	4
AURORA	47	-	-	-	-	1	4	17	18	6	1	-	-
BEADLE	267	-	-	-	1	9	25	93	99	33	6	1	-
BENNETT	75	-	-	1	2	2	8	33	20	8	1	-	-
BON HOMME	120	-	-	2	1	5	15	29	48	14	5	1	-
BROOKINGS	410	-	-	2	3	8	41	135	159	47	12	3	-
BROWN	532	-	-	3	7	16	73	182	173	63	13	2	-
BRULE	99	-	-	-	1	5	11	36	35	7	4	-	-
BUFFALO	49	-	-	-	1	2	8	20	16	1	1	-	-
BUTTE	128	-	-	2	2	4	22	38	39	17	3	1	-
CAMPBELL	28	-	-	-	-	-	9	11	5	2	1	-	-
CHARLES MIX	222	-	1	1	1	9	27	67	79	31	5	1	-
CLARK	81	-	-	-	-	-	6	35	30	9	1	-	-
CLAY	186	-	-	2	1	8	19	64	67	17	7	1	-
CODINGTON	386	-	2	1	2	10	51	141	113	51	11	4	-
CORSON	130	-	-	3	-	7	14	40	42	22	2	-	-
CUSTER	80	-	-	1	1	2	12	27	29	7	1	-	-
DAVISON	330	-	1	2	1	6	43	111	114	43	8	1	-
DAY	123	-	-	1	-	1	9	38	50	19	5	-	-
DEUEL	73	-	-	-	-	3	2	15	38	10	4	1	-
DEWEY	153	-	1	-	3	7	18	58	41	19	6	-	-
DOUGLAS	75	-	-	-	-	2	3	26	34	6	4	-	-
EDMUNDS	57	-	-	-	-	2	5	20	19	10	-	1	-
FALL RIVER	129	-	-	1	4	4	13	44	49	14	-	-	-
FAULK	52	-	1	-	-	4	5	18	21	1	2	-	-
GRANT	175	-	2	-	2	7	15	64	59	19	6	1	-
GREGORY	94	-	1	-	1	2	9	36	25	18	2	-	-
HAAKON	55	-	-	1	1	2	10	19	17	4	1	-	-
HAMLIN	81	-	-	-	-	-	4	29	28	14	5	1	-
HAND	61	-	1	-	1	-	5	19	26	7	2	-	-
HANSON	38	-	-	-	1	-	4	15	11	7	-	-	-
HARDING	34	-	-	-	-	-	3	14	13	3	1	-	-
HUGHES	266	2	1	2	1	9	25	103	76	43	4	-	-
HUTCHINSON	154	-	-	1	2	4	16	56	54	19	2	-	-
HYDE	26	-	-	-	-	1	2	10	9	4	-	-	-
JACKSON	65	-	1	-	1	3	7	20	20	10	3	-	-
JERAULD	33	-	-	-	-	1	4	12	11	4	1	-	-
JONES	30	-	-	-	1	2	2	9	12	4	-	-	-
KINGSBURY	98	-	-	1	2	3	6	30	35	14	6	1	-
LAKE	176	-	1	-	-	3	17	62	62	25	5	1	-
LAWRENCE	324	1	4	1	-	9	52	123	106	24	4	-	-
LINCOLN	263	-	-	-	7	6	36	82	91	28	12	1	-
LYMAN	85	-	2	-	1	2	10	38	21	9	2	-	-
MCCOOK	57	-	-	-	-	2	11	32	37	13	2	-	-
MCPHERSON	49	-	1	-	1	2	6	13	15	8	2	1	-
MARSHALL	68	-	1	-	2	1	10	19	22	8	5	-	-
MEADE	420	-	4	2	3	15	43	156	150	39	8	-	-
MELLETTE	63	-	-	-	2	2	8	24	22	3	1	1	-
MINER	61	-	-	-	1	2	9	20	18	8	3	-	-
MINNEHAHA	1939	1	9	13	21	66	276	671	607	227	43	5	-
MOODY	125	-	-	-	2	3	13	43	42	17	5	-	-
PENNINGTON	1615	2	5	6	20	61	234	585	537	138	22	4	1
PERKINS	61	-	-	-	-	1	8	22	22	5	2	1	-
POTTER	49	-	-	-	-	1	10	15	15	8	-	-	-
ROBERTS	179	-	2	-	4	4	19	56	60	23	11	-	-
SANBORN	50	-	-	-	-	1	5	21	17	6	-	-	-
SHANNON	382	1	3	1	5	14	54	150	115	30	8	-	1
SPINK	141	-	-	-	-	8	18	47	51	15	2	-	-
STANLEY	44	-	-	-	1	-	3	26	10	3	1	-	-
SULLY	27	-	-	-	-	-	3	11	10	3	-	-	-
TODD	280	-	2	1	2	17	48	102	72	29	5	-	2
TRIPP	161	-	-	-	2	6	28	63	45	14	3	-	-
TURNER	140	-	2	1	1	6	11	49	53	12	4	1	-
UNION	172	-	-	-	1	5	21	57	66	20	2	-	-
WALWORTH	112	1	2	1	2	4	12	36	34	17	3	-	-
YANKTON	335	-	1	1	3	9	46	112	119	36	8	-	-
ZIEBACH	61	-	-	1	-	3	6	22	17	9	2	1	-

Table 14

RESIDENT BIRTHS WITH REPORTED CONGENITAL ANOMALIES, BY RACE AND SEX, 1983

		MOTHER'S RACE					
		WHITE		INDIAN		OTHER	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	220	103	81	18	13	3	2
CONGENITAL ANOMALIES							
740-ANENCEPHALUS	1	-	1	-	-	-	-
741-SPINA BIFIDA	9	3	6	-	-	-	-
742-OTHER ANOMALIES	4	2	-	1	1	-	-
743-CONGENITAL ANOMALIES OF THE EYE	6	1	4	-	-	-	1
744-ANOMALIES OF EAR, FACE & NECK	7	5	1	-	-	1	-
745-BULBUS CORDIS, CARDIAC SEPTAL DEFECT	8	3	4	1	-	-	-
746-OTHER CONGENITAL ANOMALIES OF HEART	7	5	2	-	-	-	-
747-OTHER ANOMALIES - CIRCULATORY SYSTEM	9	5	2	1	1	-	-
748-ANOMALIES OF RESPIRATORY SYSTEM	3	2	1	-	-	-	-
749-CLEFT PALATE AND CLEFT LIP	13	5	5	-	3	-	-
750-ANOMALIES OF UPPER ALIMENTARY TRACT	7	1	2	4	-	-	-
751-OTHER ANOMALIES OF DIGESTIVE SYSTEM	3	3	-	-	-	-	-
752-ANOMALIES OF GENITAL ORGANS	24	20	1	1	-	2	-
753-ANOMALIES OF URINARY SYSTEM	10	6	3	1	-	-	-
754-CERTAIN MUSCULOSKELETAL DEFORMITIES	29	11	11	4	2	-	1
755-OTHER CONGENITAL ANOMALIES OF LIMBS	29	14	9	3	3	-	-
756-OTHER MUSCULOSKELETAL ANOMALIES	17	8	7	-	2	-	-
757-ANOMALIES OF THE INTEGUMENT	14	5	7	1	1	-	-
758-CHROMOSOMAL ANOMALIES	14	3	10	1	-	-	-
759-OTHER AND USPECIFIED ANOMALIES	6	1	5	-	-	-	-

NUMBERS PRECEDING ANOMALIES ARE ICD-9 CODES.

IF MULTIPLE ANOMALIES ARE SHOWN ONLY ONE CONDITION IS CODED.

Table 15

BIRTHS BY STATE OF OCCURRENCE AND STATE OF MOTHER'S RESIDENCE, 1983

STATE	BIRTHS IN S.D. BY MOTHER'S RES.				RES. BIRTHS BY ST. OF OCCURRENCE			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
CALIFORNIA	1	1	-	-	-	-	-	-
COLORADO	4	4	-	-	14	13	-	1
IDAHO	2	1	1	-	1	1	-	-
ILLINOIS	1	-	1	-	-	-	-	-
IOWA	104	103	-	1	137	134	2	1
KANSAS	-	-	-	-	2	2	-	-
MASSACHUSETTS	-	-	-	-	1	1	-	-
MICHIGAN	-	-	-	-	1	1	-	-
MINNESOTA	129	123	6	-	173	159	14	-
MISSOURI	-	-	-	-	3	2	1	-
MONTANA	27	27	-	-	-	-	-	-
NEBRASKA	243	226	17	-	152	73	78	1
NEW MEXICO	1	1	-	-	-	-	-	-
NORTH CAROLINA	1	1	-	-	-	-	-	-
NORTH DAKOTA	78	74	3	1	217	125	91	1
OKLAHOMA	2	-	2	-	1	-	1	-
SOUTH DAKOTA	11,802	10,187	1,502	113	11,802	10,187	1,502	113
TENNESSEE	1	1	-	-	-	-	-	-
TEXAS	-	-	-	-	8	6	-	2
UTAH	1	1	-	-	-	-	-	-
WISCONSIN	4	3	1	-	3	3	-	-
WYOMING	112	112	-	-	5	4	1	-
CANADA	1	1	-	-	1	-	-	1
REMAINDER OF WORLD	1	1	-	-	-	-	-	-
	======	======	=====	===	======	======	=====	===
	12,515	10,867	1,533	115	12,521	10,711	1,690	120

Table 16

BIRTHS BY COUNTY OF OCCURRENCE AND ATTENDANT AT BIRTH, 1983

	TOTAL	ATTENDANT AT BIRTH				
		MD DO	MID WIFE	OTHER MEDICAL	OTHER NON MEDICAL	UNKNOWN OR NOT STATED
	12515	12046	405	22	39	3
BEADLE	370	370	-	-	-	-
BENNETT	36	35	-	-	1	-
BON HOMME	76	74	-	1	1	-
BROOKINGS	396	394	-	-	2	-
BROWN	810	809	-	-	-	1
BRULE	136	135	-	-	1	-
BUFFALO	1	1	-	-	-	-
BUTTE	131	131	-	-	-	-
CHARLES MIX	174	174	-	-	-	-
CLAY	96	94	-	-	2	-
CODINGTON	630	630	-	-	-	-
CUSTER	43	42	-	1	-	-
DAVISON	533	531	-	2	-	-
DAY	29	29	-	-	-	-
DEUEL	30	30	-	-	-	-
DEWEY	107	103	-	3	1	-
DOUGLAS	29	29	-	-	-	-
EDMUNDS	44	44	-	-	-	-
FALL RIVER	101	101	-	-	-	-
FAULK	18	18	-	-	-	-
GRANT	75	75	-	-	-	-
GREGORY	125	125	-	-	-	-
HAAKON	34	34	-	-	-	-
HAMLIN	1	1	-	-	-	-
HAND	56	56	-	-	-	-
HUGHES	431	429	-	1	1	-
HUTCHINSON	198	196	-	-	2	-
JERAULD	43	21	20	1	1	-
KINGSBURY	91	91	-	-	-	-
LAKE	142	142	-	-	-	-
LAWRENCE	426	425	-	-	1	-
LINCOLN	11	11	-	-	-	-
MCCOOK	1	-	-	1	-	-
MCPHERSON	28	28	-	-	-	-
MARSHALL	18	18	-	-	-	-
MEADE	600	431	167	2	-	-
MELLETTE	2	-	-	1	1	-
MINER	1	-	-	1	-	-
MINNEHAHA	2790	2775	-	1	13	1
MOODY	43	41	-	2	-	-
PENNINGTON	1591	1586	-	-	5	-
PERKINS	2	-	-	1	1	-
POTTER	59	59	-	-	-	-
ROBERTS	140	139	-	-	1	-
SHANNON	377	259	114	1	3	-
SPINK	44	44	-	-	-	-
TODD	208	103	104	1	-	-
TRIPP	119	119	-	-	-	-
TURNER	65	65	-	-	-	-
WALWORTH	171	170	-	-	1	-
YANKTON	832	829	-	1	1	1
ZIEBACH	1	-	-	1	-	-

Infant and Fetal Deaths

INFANT DEATHS

Infant deaths, both nationally and in South Dakota have declined dramatically during the twentieth century. Since 1978 the South Dakota infant mortality rates have remained below the U.S. rates. Since 1973, South Dakota's rate has declined 42.5%. Even with this decline, a great disparity is evidenced between the white and non-white rates. In 1983 the infant death rate for non-whites in South Dakota was more than twice the rate for whites. The disparity between the rates for Indians and whites is even greater---the Indian rate is more than two and one-half times the white rate.

Figure 3

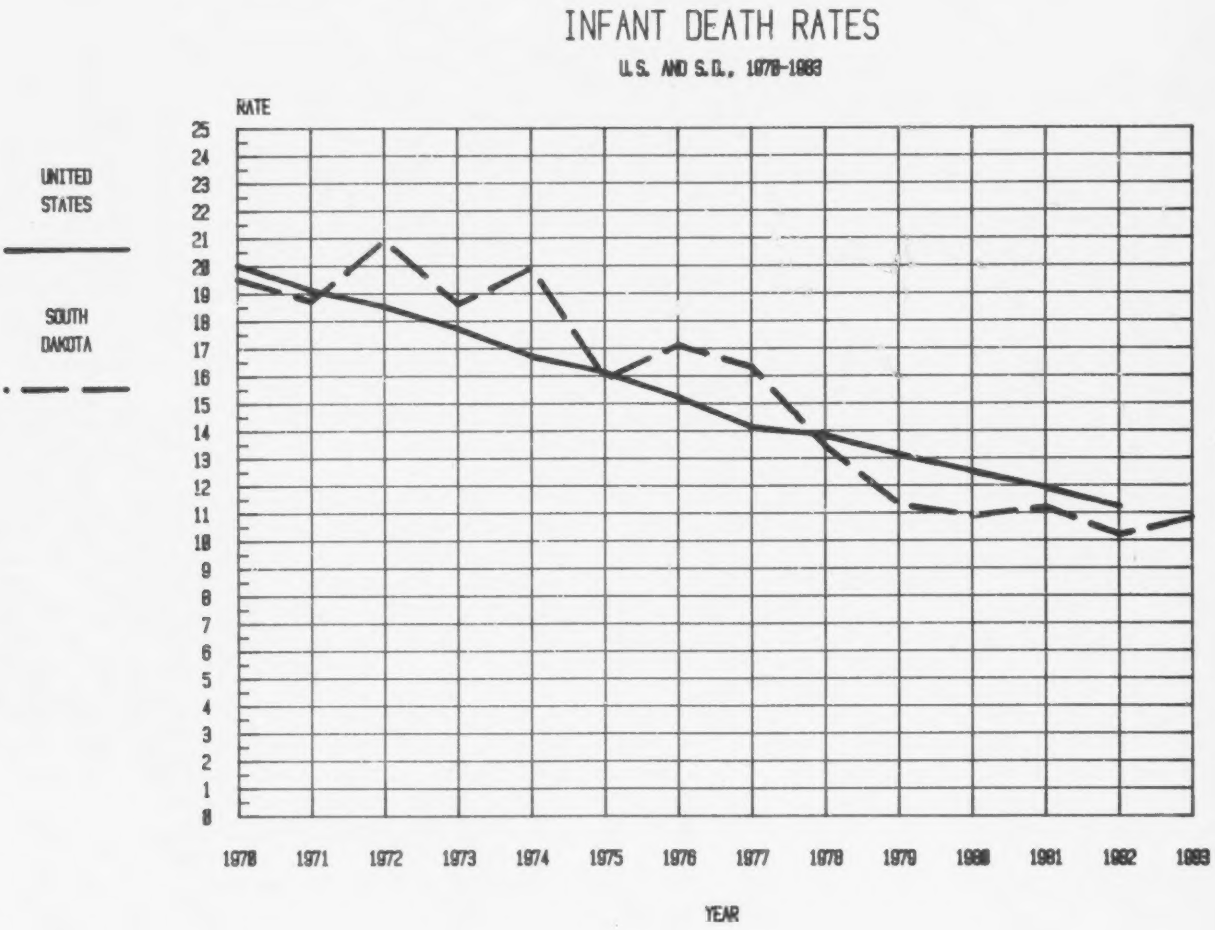
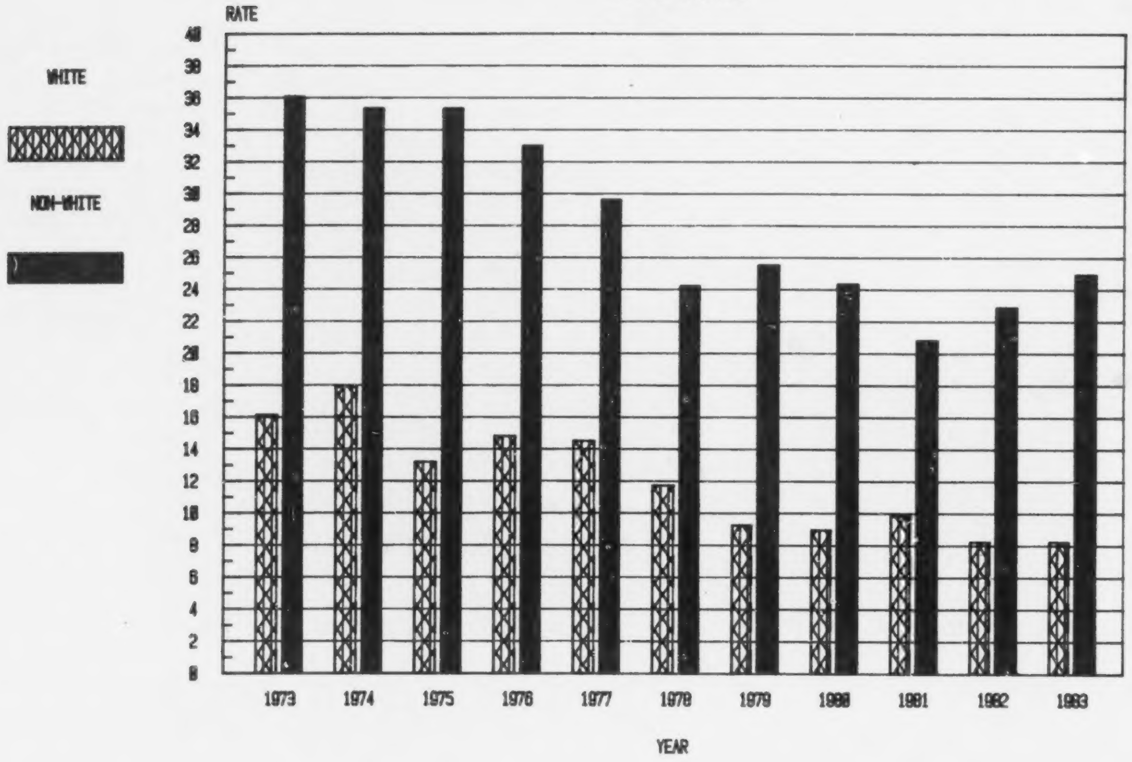


Figure 4


INFANT DEATH RATES IN S. D.

BY RACE, 1973-1983

The neonatal (birth through 27 days) and postneonatal (28 days through 1 year) death rates have reduced for both the white and non-white populations, as illustrated by the following figures. The majority of infant deaths usually occur during the first 27 days of life, resulting in higher neonatal death rates as opposed to postneonatal death rates. While this fact holds true for the total of all infant deaths as well as for the white population, it does not hold true for the non-white infant death rates. The non-white population in the State has experienced postneonatal death rates that were higher than, or almost equal to, their neonatal death rates. In 1983, the neonatal death rate for white infants was 1.7 times higher than the postneonatal death rate, while for non-white and Indian infants the reverse was true---their postneonatal death rates were 1.7 times greater than their neonatal death rates.

Figure 5

NEONATAL DEATH RATES IN S.D.

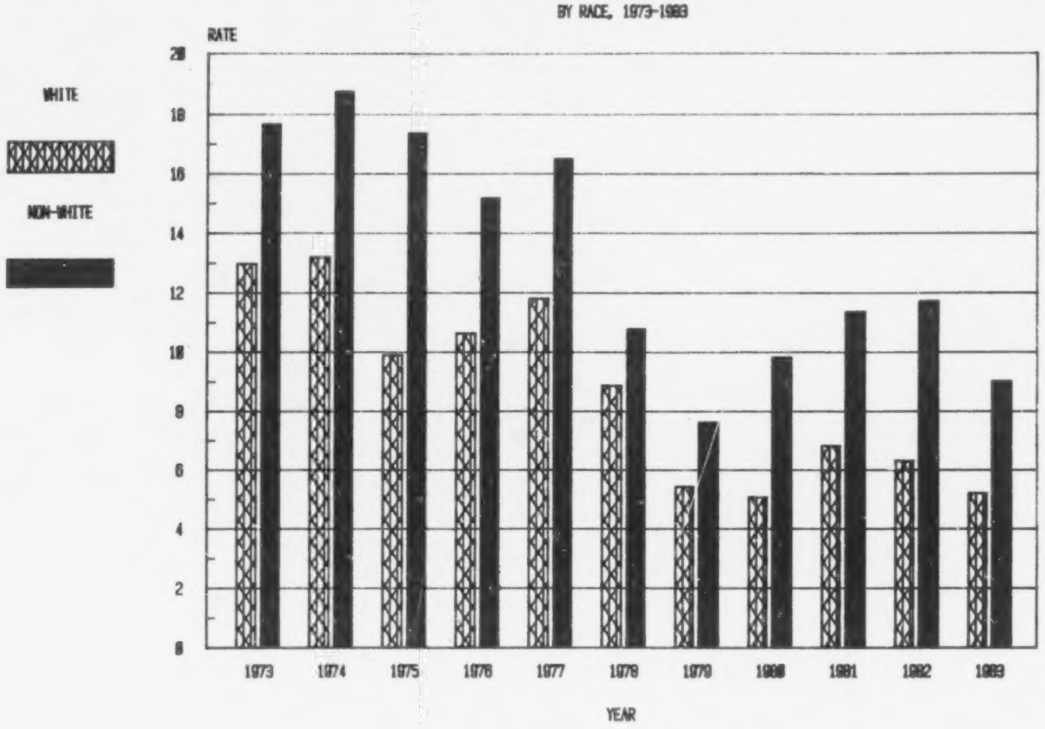


Figure 6

POST-NEONATAL DEATH RATES IN S.D.

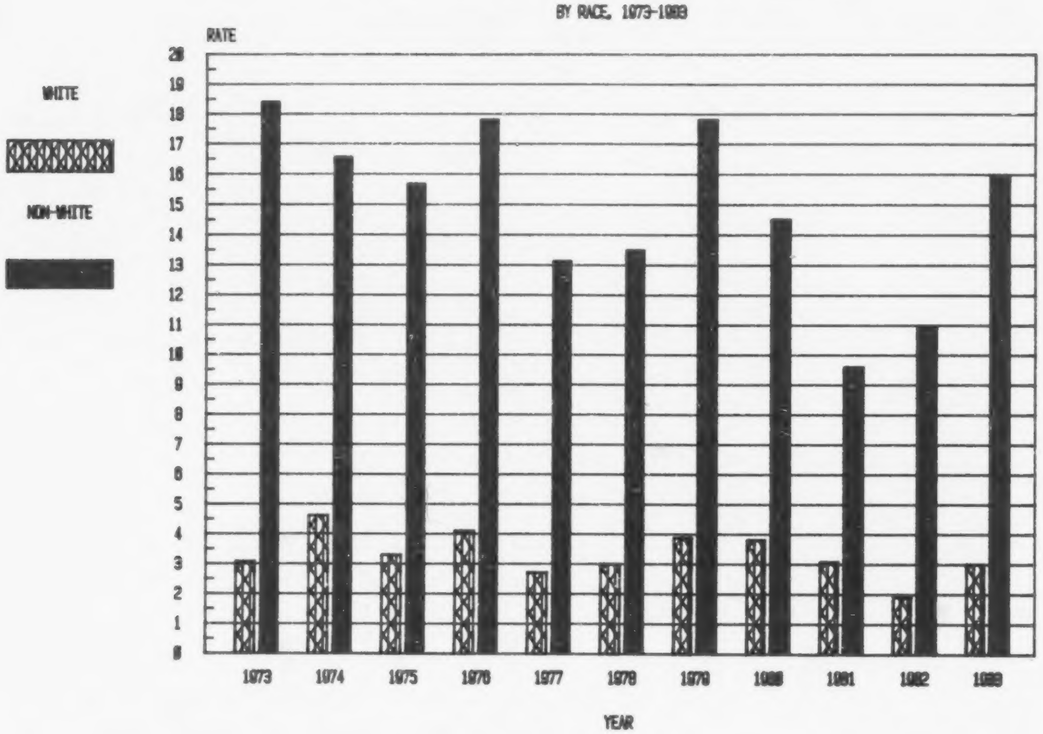


Table 17

INFANT AND NEONATAL DEATHS BY COUNTY OF RESIDENCE AND RACE, 1983

	DEATHS UNDER 1 YEAR				DEATHS UNDER 28 DAYS			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
BEADLE	4	4	-	-	2	2	-	-
BENNETT	3	2	1	-	1	1	-	-
BON HOMME	2	2	-	-	2	2	-	-
BROOKINGS	2	2	-	-	2	2	-	-
BROWN	5	4	1	-	2	1	1	-
BRULE	2	1	-	1	-	-	-	-
BUFFALO	1	-	1	-	-	-	-	-
BUTTE	1	1	-	-	-	-	-	-
CHARLES MIX	3	1	2	-	2	1	1	-
CLAY	1	1	-	-	1	1	-	-
CODINGTON	3	3	-	-	2	2	-	-
CORSON	3	-	3	-	1	-	1	-
DAVISON	4	4	-	-	2	2	-	-
DAY	1	-	1	-	-	-	-	-
EDMUNDS	1	1	-	-	-	-	-	-
FALL RIVER	1	1	-	-	-	-	-	-
FAULK	1	1	-	-	1	1	-	-
GRANT	3	3	-	-	2	2	-	-
HAAKON	2	2	-	-	2	2	-	-
HAMLIN	1	1	-	-	-	-	-	-
HAND	1	1	-	-	1	1	-	-
HUGHES	6	5	1	-	5	5	-	-
JACKSON	2	-	2	-	-	-	-	-
KINGSBURY	1	1	-	-	1	1	-	-
LAWRENCE	7	7	-	-	5	5	-	-
LINCOLN	2	2	-	-	2	2	-	-
LYMAN	2	-	2	-	2	-	2	-
MARSHALL	1	1	-	-	1	1	-	-
MEADE	2	2	-	-	1	1	-	-
MELLETTE	1	-	1	-	-	-	-	-
MINNEHAHA	13	12	1	-	9	8	1	-
PENNINGTON	13	11	2	-	10	8	2	-
ROBERTS	4	2	2	-	3	1	2	-
SHANNON	14	-	14	-	3	-	3	-
SPINK	1	1	-	-	1	1	-	-
STANLEY	1	1	-	-	-	-	-	-
TODD	9	-	9	-	3	-	3	-
TRIPP	2	-	2	-	-	-	-	-
TURNER	1	1	-	-	1	1	-	-
UNION	2	2	-	-	-	-	-	-
WALWORTH	2	1	1	-	1	-	1	-
YANKTON	4	4	-	-	2	2	-	-
	===	==	==	=	==	==	==	=
	135	88	46	1	73	56	17	0

Table 18

RESIDENT INFANT DEATHS BY AGE AND CAUSE, 1983

		RACE											
		WHITE				INDIAN				OTHER			
	TOTAL	UNDER 1 DAY	1 THRU 6 DAYS	7 THRU 27 DAYS	28 DAYS THRU 11 MONTHS	UNDER 1 DAY	1 THRU 6 DAYS	7 THRU 27 DAYS	28 DAYS THRU 11 MONTHS	UNDER 1 DAY	1 THRU 6 DAYS	7 THRU 27 DAYS	28 DAYS THRU 11 MONTHS
TOTAL	135	26	24	6	32	7	9	1	29	-	-	-	1
CAUSES OF DEATH													
PNEUMONIA & INFLUENZA	2	-	-	-	2	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES	36	10	8	5	9	-	2	-	2	-	-	-	-
OTHER CONDITIONS IN PERINATAL PERIOD	18	6	5	1	-	4	1	-	1	-	-	-	-
SHORT GESTATION & LOW BIRTH WEIGHT	8	6	-	-	-	2	-	-	-	-	-	-	-
BIRTH TRAUMA	1	-	-	-	1	-	-	-	-	-	-	-	-
INTRAUTERINE HYPOXIA & BIRTH ASPHYXIA	6	1	2	-	1	-	1	-	1	-	-	-	-
RESPIRATORY DISEASES SYNDROME	14	2	7	-	-	1	4	-	-	-	-	-	-
SUDDEN INFANT DEATH SYNDROME	28	-	-	-	10	-	-	1	16	-	-	-	1
ALL OTHER CAUSES	22	1	2	-	9	-	1	-	9	-	-	-	-

Table 19

FETAL DEATHS BY MOTHER'S COUNTY OF RESIDENCE, RACE AND AGE, 1983
(20 WEEKS GESTATION OR MORE)

		RACE OF MOTHER			AGE OF MOTHER					
	TOTAL	WHITE	INDIAN	OTHER	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
TOTAL	82	66	15	1	10	23	22	20	6	1
BEADLE	2	2	-	-	-	-	-	2	-	-
BENNETT	1	-	1	-	-	1	-	-	-	-
BROOKINGS	4	4	-	-	-	2	2	-	-	-
BROWN	7	7	-	-	1	1	-	4	-	1
BRULE	1	1	-	-	-	-	1	-	-	-
BUFFALO	1	-	1	-	-	1	-	-	-	-
BUTTE	2	2	-	-	1	1	-	-	-	-
CHARLES MIX	3	1	2	-	-	1	2	-	-	-
CLAY	1	1	-	-	-	-	1	-	-	-
CODINGTON	5	5	-	-	-	2	1	-	2	-
DAVISON	1	1	-	-	-	-	-	1	-	-
DEUEL	1	1	-	-	-	-	-	1	-	-
DEWEY	1	-	1	-	-	-	-	-	1	-
FAULK	1	1	-	-	-	1	-	-	-	-
GREGORY	1	1	-	-	-	-	1	-	-	-
HAND	2	2	-	-	-	1	1	-	-	-
HUTCHINSON	1	1	-	-	-	1	-	-	-	-
JACKSON	1	-	1	-	-	-	-	1	-	-
KINGSBURY	2	2	-	-	-	1	1	-	-	-
LAKE	1	1	-	-	1	-	-	-	-	-
LAWRENCE	2	2	-	-	-	1	-	1	-	-
LINCOLN	1	1	-	-	-	-	1	-	-	-
LYMAN	2	1	1	-	1	1	-	-	-	-
MCCOOK	1	1	-	-	-	-	-	1	-	-
MCPHERSON	1	1	-	-	-	-	-	1	-	-
MARSHALL	1	1	-	-	1	-	-	-	-	-
MEADE	4	4	-	-	-	1	1	1	1	-
MINNEHAHA	10	10	-	-	-	3	2	5	-	-
MOODY	1	1	-	-	-	-	1	-	-	-
PENNINGTON	5	5	-	-	1	1	2	1	-	-
POTTER	1	1	-	-	-	1	-	-	-	-
ROBERTS	1	-	1	-	-	1	-	-	-	-
SANBORN	1	1	-	-	-	-	1	-	-	-
SHANNON	4	-	4	-	1	-	2	-	1	-
SULLY	1	1	-	-	-	-	-	1	-	-
TODD	1	-	1	-	-	-	-	-	1	-
TRIPP	1	-	1	-	1	-	-	-	-	-
WALWORTH	1	1	-	-	-	1	-	-	-	-
YANKTON	4	2	1	1	2	-	2	-	-	-

Table 20

FETAL DEATHS BY CAUSE AND WEEKS OF GESTATION, 1983

	TOTAL	PHYSICIAN'S ESTIMATE OF GESTATION			
		20 - 27 WEEKS	28 - 34 WEEKS	35 - 39 WEEKS	40 - 44 WEEKS
	82	18	22	20	22
CYST OF BONE	1	1	-	-	-
ANENCEPHALUS	2	1	-	-	1
ENCEPHALOCELE	2	1	-	1	-
MULTIPLE CONGENITAL ANOMALIES	2	-	1	1	-
CONGENITAL ANOMALY UNSPECIFIED	2	1	1	-	-
MATERNAL HYPERTENSION	2	1	-	1	-
OTHER CHR MATERNAL CIRCULATORY-RESP DIS	3	-	-	1	2
PREMATURE RUPTURE OF MEMBRANES	4	2	2	-	-
POLYHYDRAMINOS	1	-	1	-	-
MULTIPLE PREGNANCY	1	-	1	-	-
SPONTANEOUS ABORTIONS	1	1	-	-	-
OTHER PLACENTAL SEPERATION & HAEMMORHAGE	7	1	3	1	2
PLACENTAL DYSFUNCTION	5	-	1	1	3
PLACENTAL TRANSFUSION SYNDROME	2	-	-	2	-
PROLAPSED CORD	1	1	-	-	-
OTHER COMPRESSION OF UMBILICAL CORD	12	2	2	4	4
OTHER CONDITIONS OF UMBILICAL CORD	4	-	2	-	2
CHORIOAMNIONITIS	1	-	-	-	1
UNSPECIFIED ABNORMALITY CHORION & AMNION	1	1	-	-	-
PRECIPITATE DELIVERY	1	-	-	-	1
OTHER COMPLICATIONS OF LABOR & DELIVERY	1	-	1	-	-
UNSPEC COMP OF LABOR & DELIVERY	1	-	-	1	-
EXTREME PREMATURITY	3	3	-	-	-
ASPHYXIA OR ANOXIA BEFORE ONSET OF LABOR	3	-	2	1	-
ASPHYXIA OR ANOXIA DURING LABOR	2	1	-	-	1
UNSPECFFIED	17	1	5	6	5

General Mortality

Every week in 1983, residents of South Dakota experienced an average of:

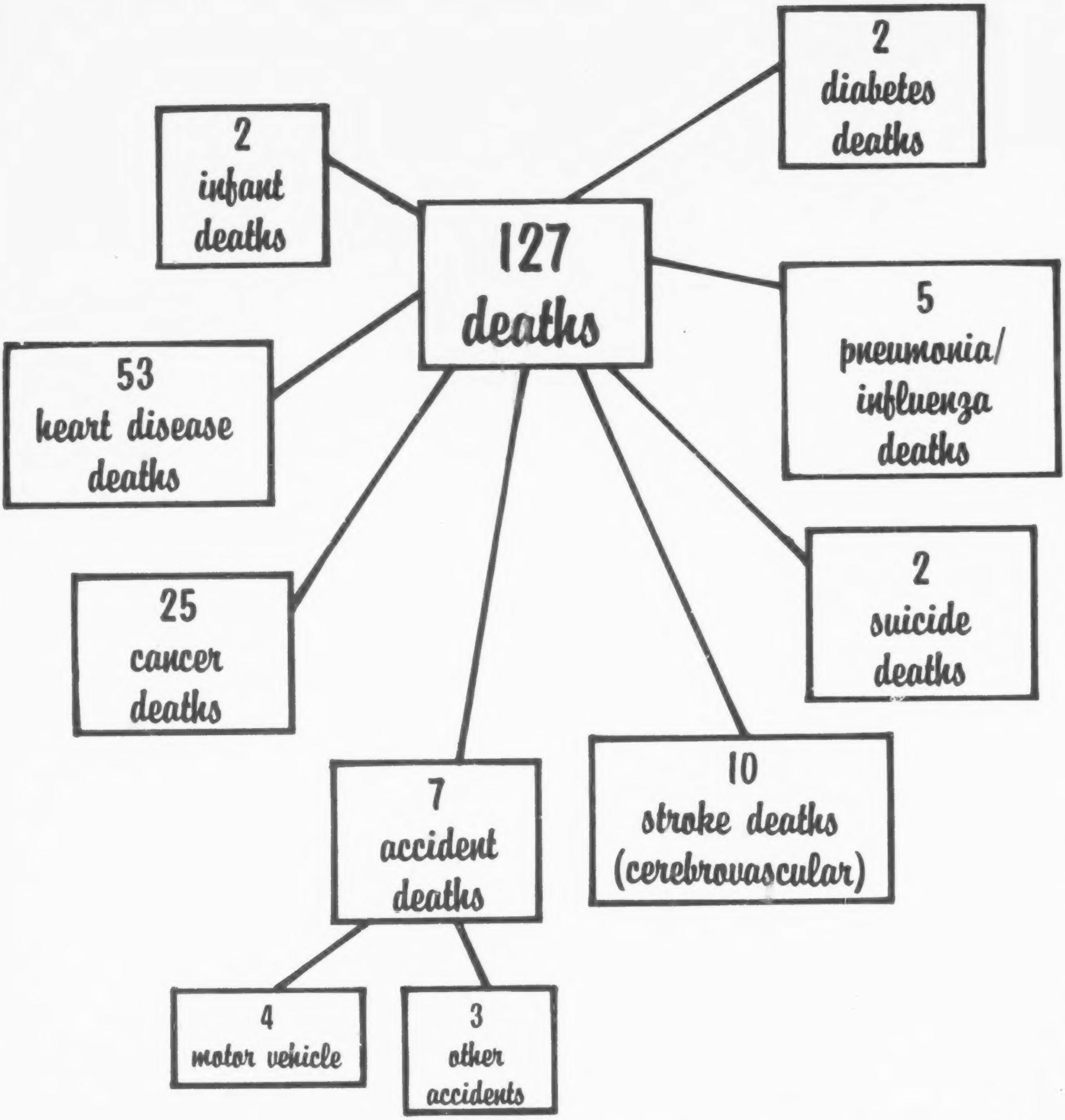

127
deaths
2
infant
deaths
2
diabetes
deaths
53
heart disease
deaths
5
pneumonia/
influenza
deaths
25
cancer
deaths
2
suicide
deaths
7
accident
deaths
10
stroke deaths
(cerebrovascular)
4
motor vehicle
3
other
accidents

Table 21

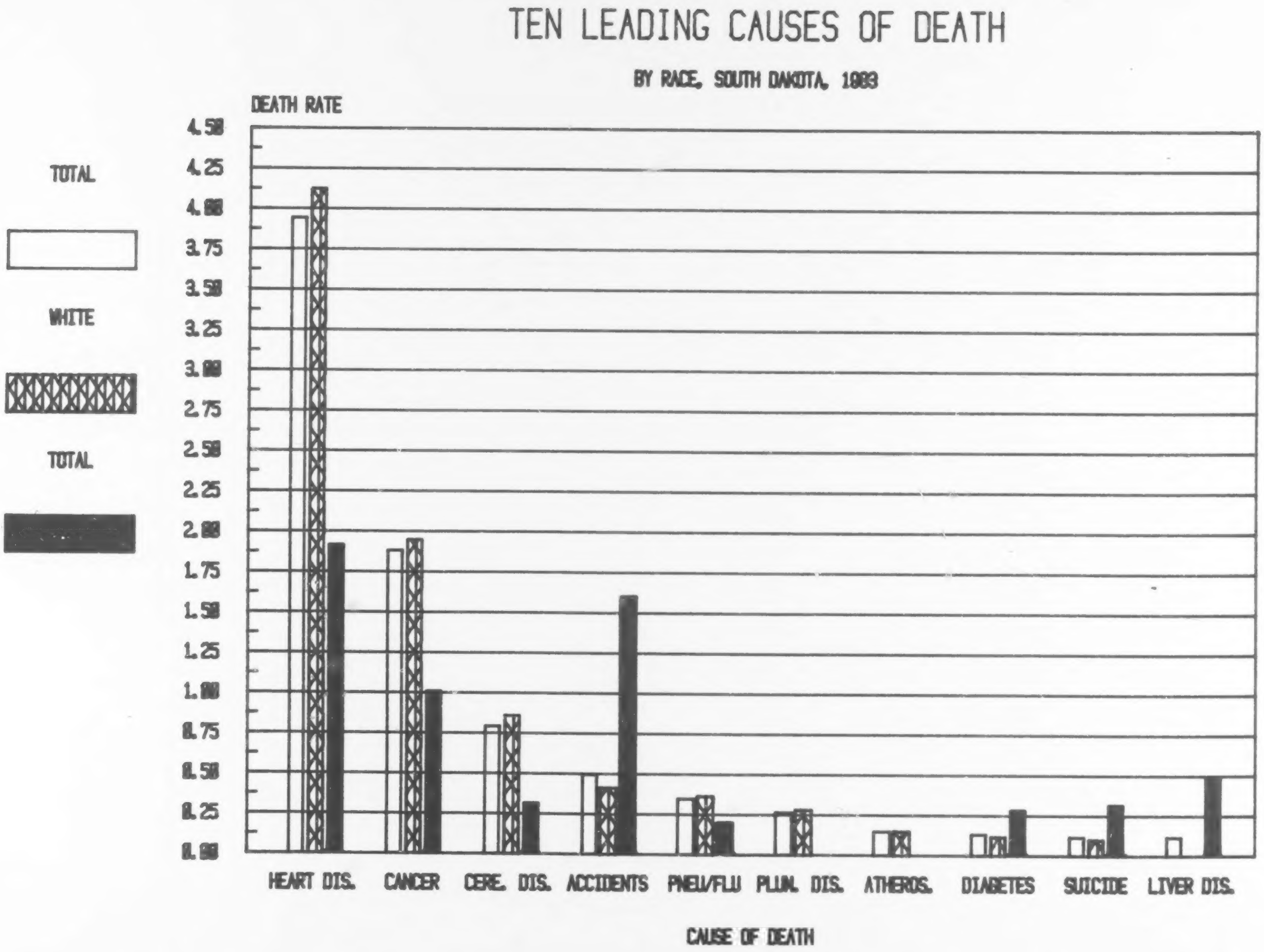
DEATHS BY COUNTY OF RESIDENCE AND RACE, 1983

RESIDENT COUNTY	TOTAL DEATHS	TOTAL DEATH RATE	WHITE DEATHS	WHITE DEATH RATE	INDIAN DEATHS	INDIAN DEATH RATE	OTHER DEATHS	OTHER DEATH RATE
AURORA	56	15.6	56	15.8	-	-	-	-
BEADLE	199	10.4	197	10.4	1	10.0	1	7.9
BENNETT	34	10.9	20	10.5	14	11.6	-	-
BON HOMME	89	11.5	89	11.8	-	-	-	-
BROOKINGS	193	7.7	193	7.9	-	-	-	-
BROWN	311	8.3	307	8.4	4	4.8	-	-
BRULE	37	6.9	36	6.9	-	-	1	75.7
BUFFALO	7	4.1	-	-	7	5.8	-	-
BUTTE	95	11.4	95	11.7	-	-	-	-
CAMPBELL	25	11.2	25	11.3	-	-	-	-
CHARLES MIX	105	10.9	83	10.4	21	12.5	1	71.7
CLARK	61	12.7	60	12.5	-	-	1	92.4
CLAY	95	6.9	93	7.0	1	2.9	1	7.6
CODINGTON	195	8.9	195	9.0	-	-	-	-
CORSON	47	8.9	16	5.8	31	12.4	-	-
CUSTER	61	9.7	58	9.5	3	17.6	-	-
DAVISON	183	10.3	182	10.4	1	8.0	-	-
DAY	100	12.4	93	12.3	7	15.6	-	-
DEUEL	68	12.8	68	12.9	-	-	-	-
DEWEY	41	7.7	15	6.8	26	8.4	-	-
DOUGLAS	40	9.7	40	9.7	-	-	-	-
EDMUNDS	62	12.5	62	12.6	-	-	-	-
FALL RIVER	121	15.2	118	15.8	3	7.4	-	-
FAULK	43	13.1	42	12.9	1	92.4	-	-
GRANT	111	12.0	108	11.8	2	59.3	1	22.7
GREGORY	86	14.4	83	14.5	3	12.8	-	-
HAAKON	25	8.9	25	9.1	-	-	-	-
HAMLIN	68	13.1	68	13.2	-	-	-	-
HAND	57	11.9	57	11.9	-	-	-	-
HANSON	26	7.6	26	7.7	-	-	-	-
HARDING	13	7.6	13	7.7	-	-	-	-
HUGHES	110	7.6	104	7.7	6	6.6	-	-
HUTCHINSON	118	12.9	117	12.8	-	-	1	35.2
HYDE	22	11.2	22	11.7	-	-	-	-
JACKSON	31	9.5	19	10.4	11	7.8	1	95.9
JERAULD	28	9.7	28	9.7	-	-	-	-
JONES	14	9.7	14	9.8	-	-	-	-
KINGSBURY	103	15.5	103	15.5	-	-	-	-
LAKE	80	7.4	80	7.4	-	-	-	-
LAWRENCE	178	9.5	178	9.8	-	-	-	-
LINCOLN	149	10.7	149	10.8	-	-	-	-
LYMAN	39	10.4	32	11.2	7	8.0	-	-
MCCOOK	83	13.1	82	13.0	1	509	-	-
MCPHERSON	53	13.6	53	13.6	-	-	-	-
MARSHALL	75	14.1	71	14.1	4	14.2	-	-
MEADE	140	6.7	140	7.0	-	-	-	-
MELLETTE	23	10.3	8	5.9	15	17.3	-	-
MINER	72	19.9	72	19.9	-	-	-	-
MINNEHAHA	907	8.0	896	8.1	8	7.0	3	2.9
MOODY	70	10.3	67	10.4	3	8.8	-	-
PENNINGTON	509	7.0	473	7.0	34	9.0	2	1.0
PERKINS	49	10.6	48	10.5	1	23.1	-	-
POTTER	37	9.8	35	9.4	2	93.0	-	-
ROBERTS	129	11.7	115	13.0	14	6.6	-	-
SANBORN	35	11.1	35	11.2	-	-	-	-
SHANNON	95	8.4	3	4.2	92	8.8	-	-
SPINK	96	10.5	96	10.7	-	-	-	-
STANLEY	14	5.8	13	5.6	1	11.1	-	-
SULLY	14	7.4	14	7.4	-	-	-	-
TODD	63	8.7	7	4.5	56	10.0	-	-
TRIPP	77	11.0	64	9.9	13	23.6	-	-
TURNER	149	16.3	149	16.4	-	-	-	-
UNION	127	11.6	127	11.8	-	-	-	-
WALWORTH	105	15.4	95	14.8	10	25.0	-	-
YANKTON	154	8.1	153	8.3	1	2.6	-	-
ZIEBACH	20	8.7	10	10.4	10	7.5	-	-
	=====	=====	=====	=====	===	=====	==	=====
	6,622	9.5	6,195	9.6	414	9.2	13	2.0

RATES ARE PER 100,000 POPULATION.

RATES ARE BASED ON THE JULY 1, 1982 PROVISIONAL POPULATION ESTIMATES.

Figure 7



TEN LEADING CAUSES OF DEATH

BY RACE, SOUTH DAKOTA, 1983

Table 22

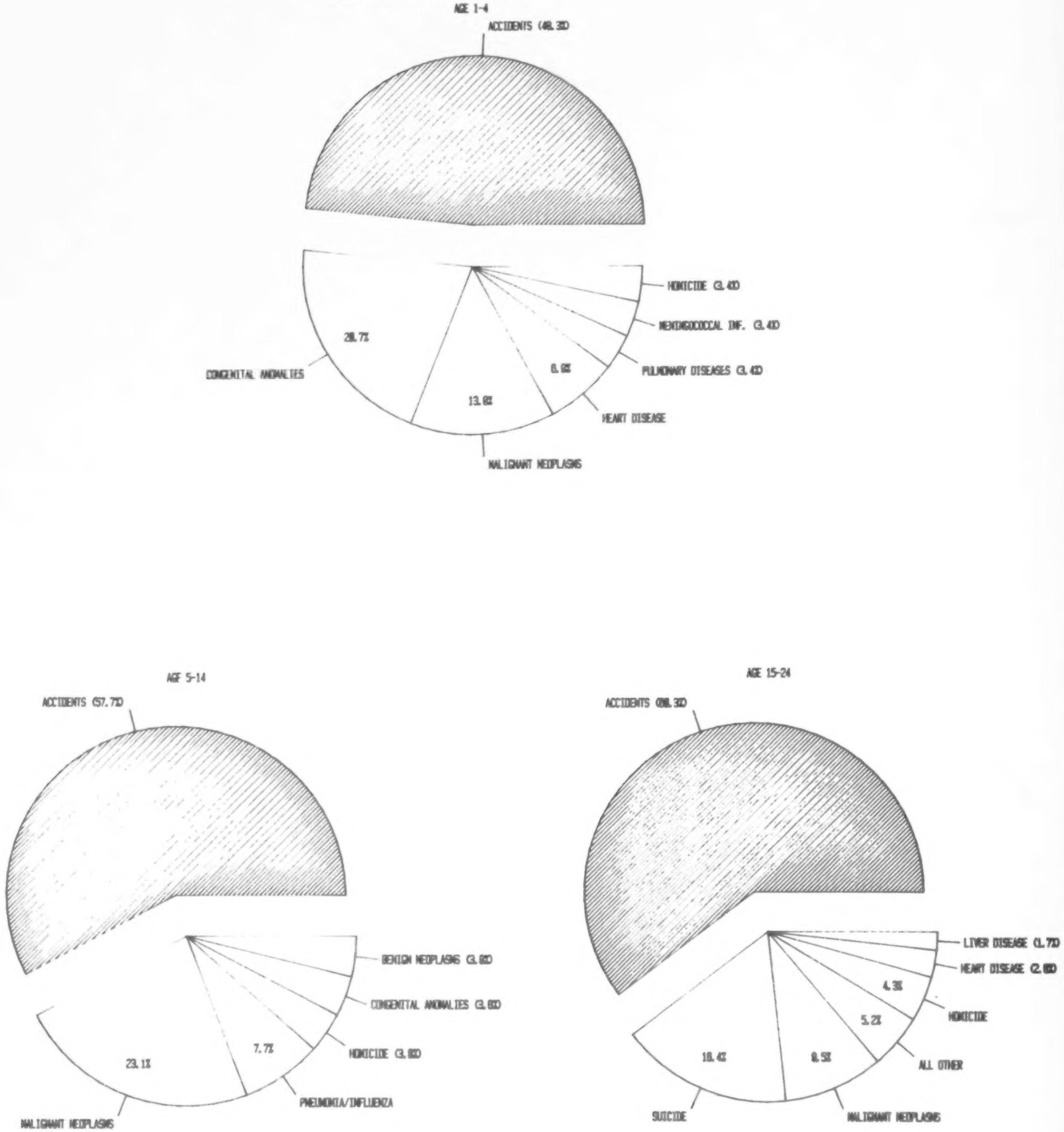
RESIDENT LEADING CAUSES OF DEATH, 1983

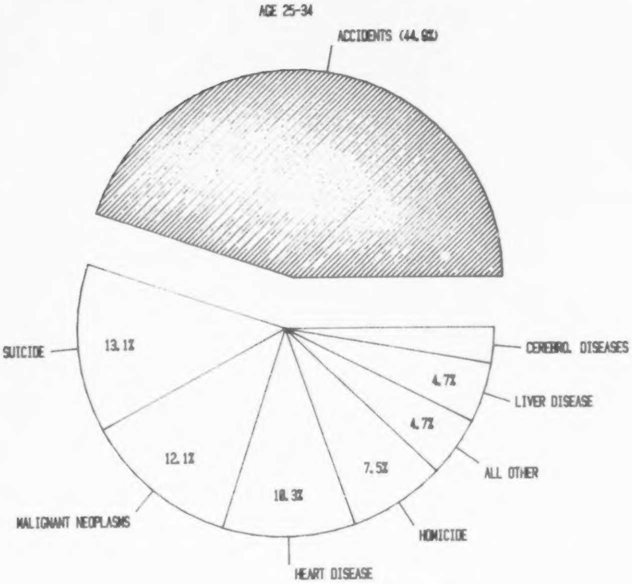
	ALL RACES				WHITE				INDIAN			
CAUSE OF DEATH	RANK	DEATHS	%	RATE	RANK	DEATHS	%	RATE	RANK	DEATHS	%	RATE
DISEASE OF THE HEART	1	2.749	41.5	394.6	1	2.658	42.9	411.7	1	86	20.8	192.1
MALIGNANT NEOPLASMS	2	1.310	19.8	188.0	2	1.263	20.4	195.6	3	45	10.9	100.5
CEREBROVASCULAR DISEASES	3	548	8.3	78.7	3	533	8.6	82.6	7	14	3.4	31.3
ACCIDENTS	4	347	5.2	49.8	4	272	4.4	42.1	2	72	17.4	160.9
PNEUMONIA AND INFLUENZA	5	247	3.7	35.5	5	238	3.8	36.9	10	9	2.2	20.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	6	189	2.9	27.1	6	181	2.9	28.0	-	-	-	-
ATHEROSCLEROSIS	7	99	1.5	14.2	7	97	1.6	15.0	-	-	-	-
DIABETES MELLITUS	8	92	1.4	13.2	8	79	1.3	12.2	9	13	3.1	29.0
SUICIDE	9	84	1.3	12.1	9	70	1.1	10.8	8	14	3.4	31.3
CHRONIC LIVER DISEASE AND CIRRHOSIS	10	77	1.2	11.1	-	-	-	-	4	22	5.3	49.2
NEPHRITIS, NEPHROTIC SYNDRM. & NEPHROSIS	-	-	-	-	10	68	1.1	10.5	-	-	-	-
CONDITIONS ORIGNT. IN PERINATAL PERIOD	-	-	-	-	-	-	-	-	6	15	3.6	33.5
HOMICIDE AND LEGAL INTERVENTION	-	-	-	-	-	-	-	-	5	16	3.9	35.7
ALL OTHER CAUSES	-	880	13.3	126.3	-	736	11.9	114.0	-	108	26.1	241.3
		=====				=====				===		
		6.622				6.195				414		

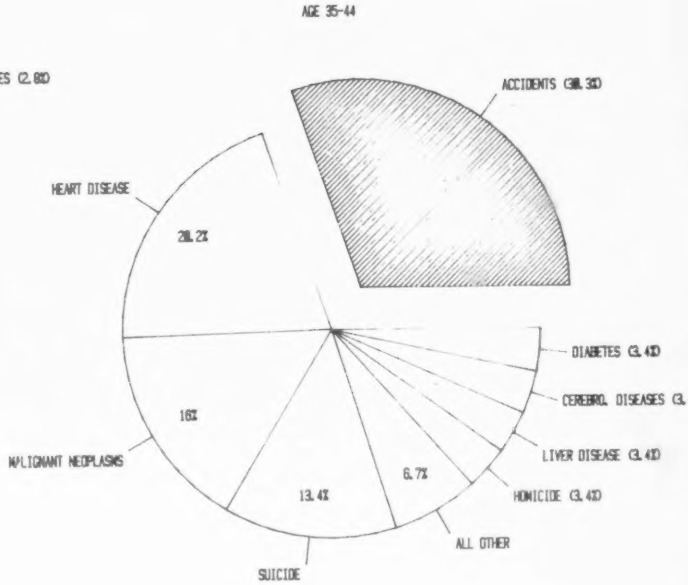
THE LEADING CAUSES OF DEATH WERE SELECTED AND RANKED FROM THE LIST OF 72 SELECTED CAUSES OF DEATH AS PUBLISHED BY THE NATIONAL CENTER FOR HEALTH STATISTICS. THIS LIST WAS CONSTRUCTED BY COMBINING TITLES FROM THE INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-9). IT IS USED IN TABULATING MORTALITY DATA FOR THE UNITED STATES AND EACH STATE.

Figure 8

LEADING CAUSES OF DEATH, 1983




AGE 25-34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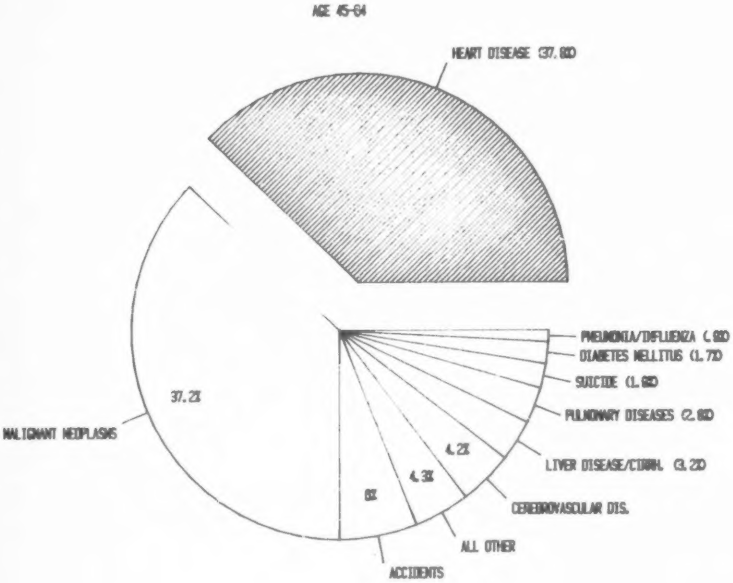

AGE 45-64

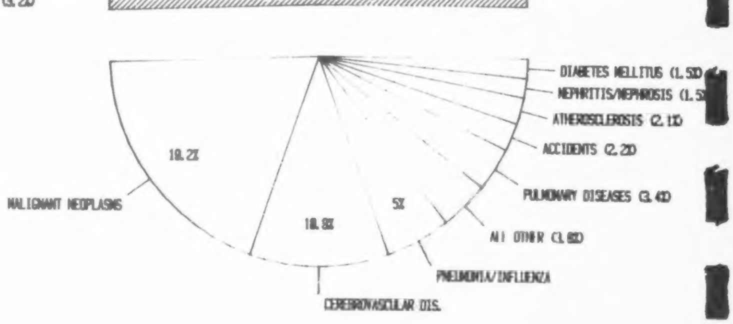

AGE 65 AND OVER

Table 23

RESIDENT DEATHS FROM SELECTED CAUSES BY RACE, SEX AND AGE GROUP, 1983

				AGE GROUP										
			TOTAL	UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-64	65-69	70-74	75+
			6622	135	33	26	58	67	115	133	1083	615	739	3618
	RACE	SEX												
	WHITE	MALE	3354	47	14	14	30	35	59	74	634	379	444	1624
		FEMALE	2841	41	8	7	10	13	22	32	333	196	269	1910
	INDIAN	MALE	244	20	9	3	13	14	23	15	66	23	16	42
		FEMALE	170	26	2	2	5	5	9	11	45	15	10	40
	OTHER	MALE	6	-	-	-	-	-	2	-	2	1	-	1
		FEMALE	7	1	-	-	-	-	-	1	3	1	-	1
CAUSE OF DEATH	RACE	SEX												
CERTAIN OTHER INTESTINAL INFECTIONS	WHITE	MALE	1	-	-	-	-	-	-	-	-	-	-	1
		FEMALE	1	-	-	-	-	-	-	-	-	-	-	1
	INDIAN	MALE	1	-	1	-	-	-	-	-	-	-	-	-
TUBERCULOSIS OF RESPIRATORY SYSTEM	WHITE	FEMALE	1	-	-	-	-	-	-	-	1	-	-	-
	INDIAN	MALE	4	-	-	-	-	-	-	-	1	-	1	2
		FEMALE	2	-	-	-	-	-	-	1	-	-	-	1
OTHER TUBERCULOSIS	INDIAN	MALE	1	-	-	-	-	-	-	-	-	-	-	1
		FEMALE	1	-	-	-	-	-	-	-	1	-	-	-
MENINGOCOCCAL INFECTION	INDIAN	FEMALE	1	-	1	-	-	-	-	-	-	-	-	-
SEPTICEMIA	WHITE	MALE	3	-	-	-	-	-	-	-	-	-	-	3
		FEMALE	11	1	-	-	-	-	-	1	1	1	-	7
	INDIAN	MALE	1	-	-	-	-	-	-	-	1	-	-	-
		FEMALE	2	-	-	-	-	-	-	1	1	-	-	-
VIRAL HEPATITIS	WHITE	FEMALE	2	-	-	-	-	-	-	-	1	1	-	-
OTHER INFECTIOUS AND PARASITIC DISEASES	WHITE	MALE	5	1	-	-	-	1	-	-	1	1	-	1
		FEMALE	6	-	-	-	1	-	-	1	1	1	-	2
	INDIAN	FEMALE	2	1	-	-	-	-	-	-	-	-	1	-
NEOPLASM OF LIP, ORAL CAV. & PHARYNX	WHITE	MALE	10	-	-	-	1	-	-	-	2	4	1	2
		FEMALE	6	-	-	-	-	-	-	-	2	2	-	2
NEOPLASM OF DIGEST. ORGAN & PERITONIUM	WHITE	MALE	183	-	-	-	-	-	-	-	41	23	40	79
		FEMALE	190	-	-	-	-	-	1	1	35	23	27	103
	INDIAN	MALE	8	-	-	-	-	1	-	-	2	1	1	3
		FEMALE	6	-	-	-	-	-	-	-	2	2	1	1
NEOPLASMS, REPIRATORY AND INTRATHORACIC	WHITE	MALE	228	-	-	-	1	-	1	3	76	46	46	55
		FEMALE	58	-	-	-	-	-	-	2	29	5	6	16
	INDIAN	MALE	7	-	-	-	-	-	-	-	2	2	1	2

(CONTINUED)

RESIDENT DEATHS FROM SELECTED CAUSES BY RACF. SEX AND AGE GROUP. 1983

CAUSE OF DEATH	RACE	SEX	TOTAL	AGE GROUP										
				UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-64	65-69	70-74	78+
NEOPLASMS OF OTHER AND UNSPECIFIED SITES	WHITE	MALE	202	-	1	-	1	-	5	3	44	27	34	87
		FEMALE	253	-	-	2	-	3	2	5	90	25	29	97
	INDIAN	MALE	8	-	-	-	-	-	-	-	3	1	-	4
		FEMALE	13	-	-	-	-	-	-	-	9	1	2	1
	OTHER	MALE	1	-	-	-	-	-	-	-	1	-	-	-
		FEMALE	1	-	-	-	-	-	-	-	1	-	-	-
LEUKEMIA	WHITE	MALE	29	-	2	2	2	-	1	1	6	2	3	10
		FEMALE	22	-	-	1	-	-	2	-	4	3	2	10
	INDIAN	MALE	1	-	-	-	1	-	-	-	-	-	-	-
OTHER MALIGNANT NEOPLAMS	WHITE	MALE	44	-	-	-	-	-	1	3	12	12	3	13
		FEMALE	38	-	1	-	1	-	-	1	10	3	7	15
	INDIAN	MALE	1	-	-	1	-	-	-	-	-	-	-	-
		FEMALE	1	-	-	-	-	-	-	-	-	-	-	1
BENIGN NEOPLAMS AND THOSE UNSPECIFIED	WHITE	MALE	15	-	-	-	-	1	-	-	2	4	1	7
		FEMALE	10	-	-	-	-	-	-	-	3	2	1	4
	INDIAN	MALE	1	-	-	-	-	-	-	-	1	-	-	-
		FEMALE	1	-	-	1	-	-	-	-	-	-	-	-
DIABETES MELLITUS	WHITE	MALE	33	-	-	-	-	-	-	1	6	1	9	16
		FEMALE	46	-	-	-	-	1	-	2	7	3	4	29
	INDIAN	MALE	6	-	-	-	-	-	1	1	2	-	1	1
		FEMALE	7	-	-	-	-	-	-	-	2	4	-	1
NUTRITIONAL DEFICIENCIES	WHITE	MALE	1	-	-	-	-	-	-	-	-	-	-	1
		FEMALE	5	-	-	-	-	-	-	-	-	1	-	4
ANEMIAS	WHITE	MALE	2	-	-	-	-	-	-	-	-	-	-	2
		FEMALE	9	-	-	-	-	-	1	-	1	1	1	5
	INDIAN	FEMALE	1	-	-	-	-	-	-	-	-	-	-	1
MENINGITIS	WHITE	FEMALE	3	1	-	-	-	-	-	-	-	-	1	1
	INDIAN	MALE	1	1	-	-	-	-	-	-	-	-	-	-
		FEMALE	1	1	-	-	-	-	-	-	-	-	-	-
RHEUMATIC FEVER AND HEART DISEASE	WHITE	MALE	8	-	-	-	1	-	1	-	3	-	1	2
		FEMALE	19	-	-	-	-	-	1	-	3	2	1	12
	INDIAN	MALE	1	-	-	-	-	-	-	-	-	1	-	-
HYPERTENSIVE HEART DISEASF	WHITE	MALE	8	-	-	-	-	-	-	-	3	-	2	3
		FEMALE	30	-	-	-	-	-	-	-	1	2	2	25
	INDIAN	MALE	1	-	-	-	-	-	-	-	-	-	-	1

(CONTINUED)

RESIDENT DEATHS FROM SELECTED CAUSES BY RACE, SEX AND AGE GROUP, 1983

CAUSE OF DEATH	RACE	SEX	TOTAL	AGE GROUP										
				UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-64	65-69	70-74	75+
HYPERTENSIVE HEART AND RENAL DISEASE	WHITE	MALE	1	-	-	-	-	-	-	-	-	-	-	1
		FEMALE	7	-	-	-	-	-	-	-	-	-	-	7
	INDIAN	FEMALE	2	-	-	-	-	-	-	-	1	-	1	-
ACUTE MYOCARDIAL INFARCTION	WHITE	MALE	693	-	-	-	-	-	2	14	143	110	101	323
		FEMALE	482	-	-	-	-	-	1	4	33	40	61	343
	INDIAN	MALE	24	-	-	-	-	-	-	-	15	-	4	5
		FEMALE	10	-	-	-	-	-	-	-	3	-	-	7
	OTHER	MALE	2	-	-	-	-	-	-	-	1	1	-	-
ACUTE AND SUBACUTE ISCHEMIC HEART DIS.	WHITE	MALE	7	-	-	-	-	-	-	-	1	-	2	4
		FEMALE	2	-	-	-	-	-	-	-	-	-	-	2
ANGINA PECTORIS	WHITE	FEMALE	2	-	-	-	-	-	-	-	-	-	1	1
OTHER FROMS OF ISCHEMIC HEART DISEASE	WHITE	MALE	380	-	-	-	-	-	-	1	58	32	52	237
		FEMALE	391	-	-	-	-	-	-	-	14	17	26	334
	INDIAN	MALE	6	-	-	-	-	-	-	-	3	-	2	1
		FEMALE	6	-	-	-	-	-	1	-	-	-	1	4
	OTHER	MALE	1	-	-	-	-	-	-	-	-	-	-	1
		FEMALE	1	-	-	-	-	-	-	-	-	-	-	1
OTHER DISEASES OF ENDOCARDIUM	WHITE	MALE	12	-	-	-	-	-	-	-	-	1	2	9
		FEMALE	12	-	-	-	-	-	-	-	1	2	-	9
ALL OTHER FORMS OF HEART DISEASE	WHITE	MALE	312	1	1	-	1	1	3	4	63	24	29	185
		FEMALE	292	-	-	-	-	-	1	-	20	8	21	242
	INDIAN	MALE	26	-	1	-	-	-	-	1	7	7	4	6
		FEMALE	10	-	-	-	-	-	1	-	4	-	-	5
	OTHER	FEMALE	1	-	-	-	-	-	-	-	-	1	-	-
HYPERTENSION WITH OR WITHOUT RENAL DIS.	WHITE	MALE	5	-	-	-	-	-	-	-	-	2	-	3
		FEMALE	10	-	-	-	-	-	-	-	1	-	2	7
INTRACEREBRIAL & OTHER INTRACRANIAL HEM.	WHITE	MALE	25	-	-	-	-	-	2	-	4	5	4	10
		FEMALE	27	-	-	-	-	-	-	1	4	7	-	15
	INDIAN	MALE	1	-	-	-	-	-	-	-	-	-	-	1
	OTHER	FEMALE	1	-	-	-	-	-	-	-	1	-	-	-
THROMBOSIS & UNSPEC OCC OF CEREBRIAL ART	WHITE	MALE	35	-	-	-	-	-	-	-	4	3	4	24
		FEMALE	46	1	-	-	-	-	-	-	-	-	5	40
	INDIAN	MALE	1	-	-	-	-	-	-	-	-	1	-	-

(CONTINUED)

RESIDENT DEATHS FROM SELECTED CAUSES BY RACE, SEX AND AGE GROUP, 1983

CAUSE OF DEATH	RACE	SEX	TOTAL	AGE GROUP										
				UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-64	65-69	70-74	75+
CEREBRIAL EMBOLISM	WHITE	FEMALE	1	-	-	-	-	-	-	-	-	-	-	1
OTHER & LATE EFFECTS OF CEREBROVAS. DIS.	WHITE	MALE	160	-	-	-	-	-	-	1	15	12	19	113
		FEMALE	239	-	-	-	-	1	1	2	13	13	21	188
	INDIAN	MALE	3	-	-	-	-	-	-	-	-	-	-	3
		FEMALE	9	-	-	-	-	-	-	-	1	3	-	5
ARTHEROSELEROSIS	WHITE	MALE	42	-	-	-	-	-	-	-	3	2	2	35
		FEMALE	55	-	-	-	-	-	-	-	1	-	2	52
	INDIAN	MALE	2	-	-	-	-	-	-	-	-	1	-	1
OTHER DIS. OF ARTERIES AND CAPILLARIES	WHITE	MALE	34	-	-	-	-	-	-	-	4	6	5	19
		FEMALE	29	-	-	-	-	-	-	-	2	1	4	22
	INDIAN	FEMALE	1	-	-	-	-	-	-	-	-	-	1	-
ACUTE BRONCHITIS AND BRONCHILITIES	WHITE	FEMALE	2	-	-	-	-	-	-	-	-	1	-	1
PNEUMONIA	WHITE	MALE	112	1	-	-	-	-	-	1	3	1	8	98
		FEMALE	113	1	-	1	1	-	-	1	4	1	6	98
	INDIAN	MALE	6	-	-	-	-	-	-	-	-	2	1	3
		FEMALE	3	-	-	-	-	-	-	-	1	1	-	1
INFLUENZA	WHITE	MALE	7	-	-	1	-	-	-	-	1	1	-	4
		FEMALE	6	-	-	-	-	-	-	-	-	-	-	6
BRONCHITIS, CHRONIC AND UNSPECIFIED	WHITE	MALE	6	-	1	-	-	-	-	-	-	-	1	4
		FEMALE	3	-	-	-	-	-	-	-	-	1	-	2
EMPHYSEMA	WHITE	MALE	32	-	-	-	-	-	-	-	9	4	8	11
		FEMALE	8	-	-	-	-	-	-	-	2	2	3	1
	INDIAN	MALE	1	-	-	-	-	-	-	-	-	-	-	1
		FEMALE	2	-	-	-	-	-	-	-	1	-	-	1
ASTHMA	WHITE	MALE	6	-	-	-	-	-	1	-	1	-	1	3
		FEMALE	3	-	-	-	1	-	-	-	-	-	-	2
OTHER CHRONIC OBSTRUCTIVE PULMONARY DIS.	WHITE	MALE	88	-	-	-	-	-	-	-	9	9	20	50
		FEMALE	35	-	-	-	-	-	-	-	5	2	6	22
	INDIAN	MALE	3	-	-	-	-	-	-	-	1	-	1	1
		FEMALE	2	-	-	-	-	-	-	-	-	-	-	2
ULCER OF STOMACH AND DUODENUM	WHITE	MALE	17	-	-	-	-	-	-	-	6	1	-	10
		FEMALE	16	-	-	-	-	-	-	-	1	-	-	15
	INDIAN	MALE	1	-	-	-	-	-	-	-	-	1	-	-

(CONTINUED)

RESIDENT DEATHS FROM SELECTED CAUSES BY RACE, SEX AND AGE GROUP, 1983

CAUSE OF DEATH	RACE	SEX	TOTAL	AGE GROUP										
				UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-64	65-69	70-74	75+
APPENDICITIS	WHITE	MALE	1	-	-	-	-	-	-	-	1	-	-	-
		FEMALE	2	-	-	-	-	-	-	-	-	1	-	1
HERNIA, INTESTINAL OBSTRUCTION	WHITE	MALE	8	-	-	-	-	-	-	1	-	-	1	6
		FEMALE	10	-	-	-	-	-	-	-	-	-	1	9
	INDIAN	MALE	1	-	-	-	-	-	1	-	-	-	-	-
		FEMALE	1	-	-	-	-	-	-	-	-	-	-	1
CONGENITAL ANOMALIES	WHITE	MALE	22	13	2	1	1	-	1	-	1	-	1	2
		FEMALE	27	19	4	-	-	-	-	1	3	-	-	-
	INDIAN	MALE	3	2	-	-	-	-	-	1	-	-	-	-
		FEMALE	2	2	-	-	-	-	-	-	-	-	-	-
BIRTH TRAMA, ASPHYXIA, RES. DISTRESS SYN	WHITE	MALE	8	8	-	-	-	-	-	-	-	-	-	-
		FEMALE	6	6	-	-	-	-	-	-	-	-	-	-
	INDIAN	MALE	3	3	-	-	-	-	-	-	-	-	-	-
		FEMALE	4	4	-	-	-	-	-	-	-	-	-	-
OTHER CONDITIONS IN PERINATAL PERIOD	WHITE	MALE	9	8	-	-	-	-	-	-	-	-	-	1
		FEMALE	11	10	-	-	-	-	-	-	-	-	-	1
	INDIAN	MALE	5	5	-	-	-	-	-	-	-	-	-	-
		FEMALE	3	3	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, & ILL DEFINED COND	WHITE	MALE	23	10	-	-	1	-	-	-	2	2	2	6
		FEMALE	7	-	-	-	1	-	-	-	2	-	1	3
	INDIAN	MALE	13	7	-	-	-	-	-	1	2	2	-	1
		FEMALE	15	11	-	-	-	-	-	1	1	-	1	1
	OTHER	FEMALE	1	1	-	-	-	-	-	-	-	-	-	-
ALL OTHER DISEASES (RESIDUAL)	WHITE	MALE	269	5	2	-	1	-	3	8	56	31	29	134
		FEMALE	199	1	-	-	-	2	3	1	21	21	25	125
	INDIAN	MALE	25	1	1	-	-	-	4	1	14	2	-	2
		FEMALE	34	1	-	-	1	1	1	3	16	4	1	6
	OTHER	FEMALE	1	-	-	-	-	-	-	-	1	-	-	-
MOTOR VEHICLE ACCIDENTS	WHITE	MALE	99	-	1	4	13	18	15	12	20	2	2	12
		FEMALE	38	-	3	2	2	4	5	3	10	3	1	5
	INDIAN	MALE	25	-	3	1	3	5	6	2	3	-	-	2
		FEMALE	13	1	1	-	2	2	3	3	-	-	1	-
	OTHER	MALE	2	-	-	-	-	-	2	-	-	-	-	-
		FEMALE	1	-	-	-	-	-	-	1	-	-	-	-

(CONTINUED)

RESIDENT DEATHS FROM SELECTED CAUSES BY RACE, SEX AND AGE GROUP, 1983

CAUSE OF DEATH	RACE	SEX	TOTAL	AGE GROUP										
				UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-64	65-69	70-74	75+
ALL OTHER ACCIDENTS AND ADVERSE AFFECTS	WHITE	MALE	99	-	4	6	3	8	12	8	15	5	6	32
		FEMALE	36	1	-	1	2	1	1	1	3	1	2	23
	INDIAN	MALE	28	1	2	1	3	2	3	6	8	1	-	1
		FEMALE	6	1	-	-	1	1	1	-	1	-	-	1
SUICIDES	WHITE	MALE	61	-	-	-	3	6	9	11	16	6	5	5
		FEMALE	9	-	-	-	1	1	1	3	3	-	-	-
	INDIAN	MALE	12	-	-	-	4	3	3	2	-	-	-	-
		FEMALE	2	-	-	-	1	-	1	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION	WHITE	MALE	6	-	-	-	-	-	1	1	3	-	-	1
		FEMALE	5	-	-	-	-	-	2	2	1	-	-	-
	INDIAN	MALE	10	-	1	-	2	2	4	-	1	-	-	-
		FEMALE	6	1	-	1	-	1	1	1	1	-	-	-
ALL OTHER EXTERNAL CAUSES	WHITE	MALE	3	-	-	-	1	-	1	1	-	-	-	-
	INDIAN	MALE	3	-	-	-	-	1	1	-	-	1	-	-
		FEMALE	1	-	-	-	-	-	-	1	-	-	-	-

THE SELECTED CAUSES OF DEATH ARE FROM THE LIST OF 72 SELECTED CAUSES PUBLISHED IN PREVIOUS REPORTS AND IN MOST MORTALITY TABLES PUBLISHED FOR THE UNITED STATES AND EACH STATE BY THE NATIONAL CENTER FOR HEALTH STATISTICS. CAUSES FOR WHICH THERE WERE NO DEATHS HAVE BEEN DELETED FROM THE 72 CAUSE LISTING.

Table 24

DEATHS FROM MALIGNANT NEOPLASMS BY COUNTY OF RESIDENCE, 1983

	TOTAL		SITE OF MALIGNANT NEOPLASM													
			LIP, ORAL CAVITY, PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY & INTRATHORACIC ORGANS		BONE, CONNECTIVE TISSUE, SKIN, BREAST		GENITOURINARY ORGANS		OTHER AND SPECIFIED SITES		LYMPHATIC & HAEMATOIETIC TISSUE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
AURORA	6	168	-	-	1	28	1	28	-	-	2	56	2	56	-	-
BEADLE	41	213	-	-	12	62	14	73	1	5	7	36	2	10	5	26
BENNETT	6	192	-	-	2	64	2	64	-	-	-	-	1	32	1	32
BON HOMME	12	155	-	-	3	39	3	39	2	26	1	13	1	13	2	26
BROOKINGS	32	128	1	4	4	16	6	24	7	28	7	28	3	12	4	16
BROWN	68	182	1	3	25	67	11	29	12	32	9	24	4	11	6	16
BRULE	7	131	-	-	2	38	1	19	3	56	1	19	-	-	-	-
BUFFALO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BUTTE	20	239	2	24	5	60	3	36	4	48	2	24	2	24	2	24
CAMPBELL	5	225	-	-	4	180	-	-	-	-	-	-	-	-	1	45
CHARLES MIX	28	290	-	-	8	83	7	73	-	-	5	52	3	31	5	52
CLARK	12	249	1	21	6	125	2	42	1	21	2	42	-	-	-	-
CLAY	26	190	-	-	11	80	-	-	4	29	3	22	2	15	6	44
CODINGTON	31	142	-	-	10	46	6	27	4	18	7	32	2	9	2	9
CORSON	9	170	-	-	3	57	1	19	2	38	1	19	2	38	-	-
CUSTER	17	271	-	-	5	80	6	96	2	32	3	48	1	16	-	-
DAVISON	24	135	1	6	4	23	7	39	5	28	2	11	2	11	3	17
DAY	24	298	-	-	7	87	4	50	2	25	2	25	4	50	5	62
DEUEL	17	321	-	-	7	132	3	57	2	38	3	57	1	19	1	19
DEWEY	10	188	-	-	4	75	2	38	1	19	-	-	3	56	-	-
DOUGLAS	12	290	-	-	4	97	2	48	2	48	3	73	1	24	-	-
EDMUNDS	14	283	-	-	7	141	4	81	1	20	1	20	1	20	-	-
FALL RIVER	19	239	-	-	4	50	6	75	2	25	5	63	-	-	2	25
FAULK	6	183	-	-	2	61	-	-	1	31	1	31	1	31	1	31
GRANT	28	304	-	-	9	98	5	54	6	65	4	43	2	22	2	22
GREGORY	16	268	1	17	2	34	4	67	2	34	4	67	-	-	3	50
HAAKON	6	215	-	-	1	36	-	-	2	72	1	36	1	36	1	36
HAMLIN	10	192	-	-	2	38	3	58	2	38	1	19	1	19	1	19
HAND	11	229	-	-	4	83	-	-	2	42	1	21	1	21	3	62
HANSON	6	176	-	-	3	88	1	29	-	-	2	59	-	-	-	-
HARDING	3	176	-	-	1	59	2	117	-	-	-	-	-	-	-	-
HUGHES	22	152	-	-	7	48	3	21	3	21	1	7	2	14	6	41
HUTCHINSON	19	207	-	-	7	76	1	11	-	-	5	55	3	33	3	33
HYDE	1	51	-	-	-	-	-	-	-	-	1	51	-	-	-	-
JACKSON	3	92	-	-	1	31	2	61	-	-	-	-	-	-	-	-
JERAULD	4	139	-	-	1	35	3	104	-	-	-	-	-	-	-	-
JONES	2	139	-	-	-	-	1	69	-	-	-	-	1	69	-	-
KINGSBURY	18	270	-	-	7	105	3	45	2	30	2	30	1	15	3	45
LAKE	27	248	-	-	7	64	8	74	4	37	8	74	-	-	-	-
LAWRENCE	36	193	1	5	15	80	12	64	2	11	4	21	1	5	1	5
LINCOLN	33	238	-	-	8	58	11	79	4	29	6	43	3	22	1	7
LYMAN	10	267	1	27	1	27	2	53	-	-	4	107	1	27	1	27
MCCOOK	16	253	-	-	9	142	2	32	-	-	3	47	1	16	1	16
MCPHERSON	9	230	-	-	2	51	2	51	1	26	2	51	1	26	1	26
MARSHALL	11	207	-	-	1	19	4	75	2	38	1	19	2	38	1	19
MEADE	31	147	1	5	9	43	9	43	2	10	3	14	4	19	3	14
MELLETTE	6	268	-	-	2	89	1	45	1	45	1	45	1	45	-	-
MINER	16	442	-	-	7	193	3	83	2	55	2	55	1	28	1	28
MINNEHAHA	192	170	2	2	43	38	53	47	27	24	32	28	19	17	16	14
MOODY	12	176	-	-	2	29	4	59	2	29	1	15	2	29	1	15
PENNINGTON	106	145	-	-	24	33	28	38	14	19	15	21	8	11	17	23
PERKINS	7	152	1	22	4	87	-	-	1	22	-	-	-	-	1	22
POTTER	9	239	-	-	3	80	1	27	2	53	1	27	-	-	2	53
ROBERTS	25	228	1	9	11	100	4	36	2	18	6	55	1	9	-	-
SANBORN	8	254	1	32	2	64	1	32	1	32	2	64	-	-	1	32
SHANNON	8	71	-	-	4	36	-	-	-	-	3	27	1	9	-	-
SPINK	16	176	-	-	7	77	1	11	1	11	2	22	1	11	4	44
STANLEY	1	42	-	-	-	-	1	42	-	-	-	-	-	-	-	-
SULLY	1	53	-	-	-	-	-	-	-	-	1	53	-	-	-	-
TODD	3	41	-	-	1	14	1	14	-	-	-	-	-	-	1	14
TRIPP	19	271	-	-	6	85	3	43	2	28	4	57	1	14	3	43
TURNER	42	460	1	11	11	121	10	110	4	44	9	99	2	22	5	55
UNION	27	247	-	-	9	82	5	46	3	27	4	37	6	55	-	-
WALWORTH	13	190	-	-	3	44	3	44	2	29	1	15	2	29	2	29
YANKTON	28	147	-	-	10	53	5	26	4	21	4	21	1	5	4	21
ZIEBACH	3	130	-	-	1	43	-	-	1	43	-	-	-	-	1	43
	=====	=====	==	===	===	====	===	====	===	===	===	===	===	===	===	===
	1,310	188.0	16	2.3	387	55.5	293	42.1	161	23.1	208	29.8	109	15.6	136	19.5

RATES ARE PER 100,000 POPULATION.

Table 25

DEATHS BY COUNTY OF RESIDENCE AND OCCURRENCE BY RACE, 1983

	DEATHS BY RESIDENT COUNTY				DEATHS BY COUNTY OF OCCURRENCE			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
AURORA	56	56	-	-	27	27	-	-
BEADLE	199	197	1	1	205	204	-	1
BENNETT	34	20	14	-	31	13	18	-
BON HOMME	89	89	-	-	72	72	-	-
BROOKINGS	193	193	-	-	171	171	-	-
BROWN	311	307	4	-	378	375	3	-
BRULE	37	36	-	1	28	21	6	1
BUFFALO	7	-	7	-	2	1	1	-
BUTTE	95	95	-	-	75	75	-	-
CAMPBELL	25	25	-	-	5	5	-	-
CHARLES MIX	105	83	21	1	101	84	16	1
CLARK	61	60	-	1	23	22	-	1
CLAY	95	93	1	1	66	64	1	1
CODINGTON	195	195	-	-	241	238	3	-
CORSON	47	16	31	-	16	4	12	-
CUSTER	61	58	3	-	45	43	2	-
DAVISON	183	182	1	-	253	252	1	-
DAY	100	93	7	-	48	46	2	-
DEUEL	68	68	-	-	57	57	-	-
DEWEY	41	15	26	-	30	7	23	-
DOUGLAS	40	40	-	-	34	34	-	-
EDMUNDS	62	62	-	-	55	55	-	-
FALL RIVER	121	118	3	-	141	123	17	1
FAULK	43	42	1	-	33	32	1	-
GRANT	111	108	2	1	87	86	1	-
GREGORY	86	83	3	-	69	67	2	-
HAAKON	25	25	-	-	21	21	-	-
HAMLIN	68	68	-	-	40	40	-	-
HAND	57	57	-	-	52	52	-	-
HANSON	26	26	-	-	9	9	-	-
HARDING	13	13	-	-	6	6	-	-
HUGHES	110	104	6	-	116	108	8	-
HUTCHINSON	118	117	-	1	124	123	-	1
HYDE	22	22	-	-	13	13	-	-
JACKSON	31	19	11	1	14	11	2	1
JERAULD	28	28	-	-	30	30	-	-
JONES	14	14	-	-	4	4	-	-
KINGSBURY	103	103	-	-	108	108	-	-
LAKE	80	80	-	-	71	71	-	-
LAWRENCE	178	178	-	-	143	143	-	-
LINCOLN	149	149	-	-	99	99	-	-
LYMAN	39	32	7	-	13	11	2	-
MCCOOK	83	82	1	-	50	49	1	-
MCPHERSON	53	53	-	-	38	38	-	-
MARSHALL	75	71	4	-	52	51	1	-
MEADE	140	140	-	-	181	176	5	-
MELLETTE	23	8	15	-	11	5	6	-
MINER	72	72	-	-	33	33	-	-
MINNEHAHA	907	896	8	3	1,477	1,452	19	6
MOODY	70	67	3	-	57	55	2	-
PENNINGTON	509	473	34	2	635	575	58	2
PERKINS	49	48	1	-	26	25	1	-
POTTER	37	35	2	-	34	34	-	-
ROBERTS	129	115	14	-	90	78	12	-
SANBORN	35	35	-	-	8	8	-	-
SHANNON	95	3	92	-	61	2	59	-
SPINK	96	96	-	-	56	56	-	-
STANLEY	14	13	1	-	2	1	1	-
SULLY	14	14	-	-	5	5	-	-
TODD	63	7	56	-	40	1	39	-
TRIPP	77	64	13	-	66	56	10	-
TURNER	149	149	-	-	98	98	-	-
UNION	127	127	-	-	56	55	1	-
WALWORTH	105	95	10	-	114	96	18	-
YANKTON	154	153	1	-	223	209	14	-
ZIEBACH	20	10	10	-	12	4	8	-
	=====	=====	===	==	=====	=====	===	==
	6,622	6,195	414	13	6,581	6,189	376	16

Table 26

DEATHS BY COUNTY OF OCCURRENCE AND PLACE OF DEATH, 1983

		PLACE OF DEATH			
	TOTAL	HOSPITAL INPATIENT	HOSPITAL OUTPATIENT	OTHER INSTITUTIONS	OTHER
TOTAL	6581	3639	224	1350	1368
AURORA	27	-	-	17	10
BEADLE	205	118	3	45	39
BENNETT	31	12	4	1	14
BON HOMME	72	42	5	14	11
BROOKINGS	171	83	10	42	36
BROWN	378	182	9	116	71
BRULE	28	6	2	3	17
BUFFALO	2	-	-	-	2
BUTTE	75	34	1	14	26
CAMPBELL	5	-	-	-	5
CHARLES MIX	101	54	1	28	18
CLARK	23	-	-	9	14
CLAY	66	34	5	13	14
CODINGTON	241	109	13	66	53
CORSON	16	-	-	-	16
CUSTER	45	15	1	7	22
DAVISON	253	167	9	45	32
DAY	48	28	-	8	12
DEUEL	57	27	-	13	17
DEWEY	30	7	3	-	20
DOUGLAS	34	11	1	16	6
EDMUNDS	55	30	2	14	9
FALL RIVER	141	97	1	24	19
FAULK	33	15	1	9	8
GRANT	87	46	1	21	19
GREGORY	69	51	3	7	8
HAAKON	21	16	-	2	3
HAMLIN	40	3	-	24	13
HAND	52	23	-	18	11
HANSON	9	-	-	-	9
HARDING	6	-	-	2	4
HUGHES	116	61	2	18	35
HUTCHINSON	124	66	2	28	28
HYDE	13	-	-	5	8
JACKSON	14	-	-	7	7
JERAULD	30	20	-	7	3
JONES	4	-	-	1	3
KINGSBURY	108	62	3	23	20
LAKE	71	37	4	14	16
LAWRENCE	143	69	15	31	28
LINCOLN	99	15	-	54	30
LYMAN	13	-	-	-	13
MCCOOK	50	-	-	37	13
MCPHERSON	38	21	-	9	8
MARSHALL	52	22	1	7	22
MEADE	181	128	3	21	29
MELLETTE	11	-	-	3	8
MINER	33	-	-	23	10
MINNEHAHA	1477	1101	40	200	136
MOODY	57	13	4	21	19
PENNINGTON	635	389	36	95	115
PERKINS	26	15	2	2	7
POTTER	34	16	-	12	6
ROBERTS	90	42	2	11	35
SANBORN	8	-	-	4	4
SHANNON	61	13	5	-	43
SPINK	56	25	-	12	19
STANLEY	2	-	-	-	2
SULLY	5	-	-	-	5
TODD	40	10	7	1	22
TRIPP	66	43	2	10	11
TURNER	98	42	1	35	20
UNION	56	-	-	26	30
WALWORTH	114	65	1	29	19
YANKTON	223	154	19	26	24
ZIEBACH	12	-	-	-	12

Table 27

DEATHS BY STATE OF OCCURRENCE AND STATE OF RESIDENCE, 1983

STATE	RESIDENT DEATHS BY STATE OF OCC.				DEATHS IN S.D. BY RES. STATE			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
ARIZONA	9	9	-	-	3	3	-	-
CALIFORNIA	14	12	2	-	9	9	-	-
COLORADO	40	37	3	-	3	3	-	-
FLORIDA	4	4	-	-	3	3	-	-
GEORGIA	2	2	-	-	-	-	-	-
IDAHO	1	1	-	-	2	2	-	-
ILLINOIS	7	7	-	-	2	2	-	-
INDIANA	2	2	-	-	3	3	-	-
IOWA	75	75	-	-	103	101	1	1
KANSAS	4	4	-	-	5	5	-	-
LOUISIANA	1	1	-	-	3	3	-	-
MINNESOTA	143	134	9	-	136	135	-	1
MISSISSIPPI	1	1	-	-	1	1	-	-
MISSOURI	3	2	1	-	3	3	-	-
MONTANA	6	5	1	-	8	7	1	-
NEBRASKA	40	27	13	-	67	63	4	-
NEVADA	-	-	-	-	1	1	-	-
NEW JERSEY	-	-	-	-	1	1	-	-
NEW MEXICO	1	1	-	-	-	-	-	-
NEW YORK	1	1	-	-	2	2	-	-
NORTH DAKOTA	96	79	17	-	31	28	3	-
OHIO	1	1	-	-	2	2	-	-
OKLAHOMA	2	2	-	-	1	1	-	-
OREGON	4	4	-	-	-	-	-	-
PENNSYLVANIA	1	1	-	-	1	1	-	-
SOUTH DAKOTA	6,133	5,753	367	13	6,133	5,753	367	13
TENNESSEE	1	1	-	-	-	-	-	-
TEXAS	16	15	1	-	1	1	-	-
UTAH	1	1	-	-	1	1	-	-
VIRGINIA	1	1	-	-	1	1	-	-
WASHINGTON	1	1	-	-	1	1	-	-
WISCONSIN	2	2	-	-	5	4	-	1
WYOMING	9	9	-	-	47	47	-	-
REMAINDER OF WORLD	-	-	-	-	1	1	-	-
UNKNOWN	-	-	-	-	1	1	-	-
	=====	=====	===	==	=====	=====	===	==
	6,622	6,195	414	13	6,581	6,189	376	16

Accidental/Violent Deaths

Figure 9

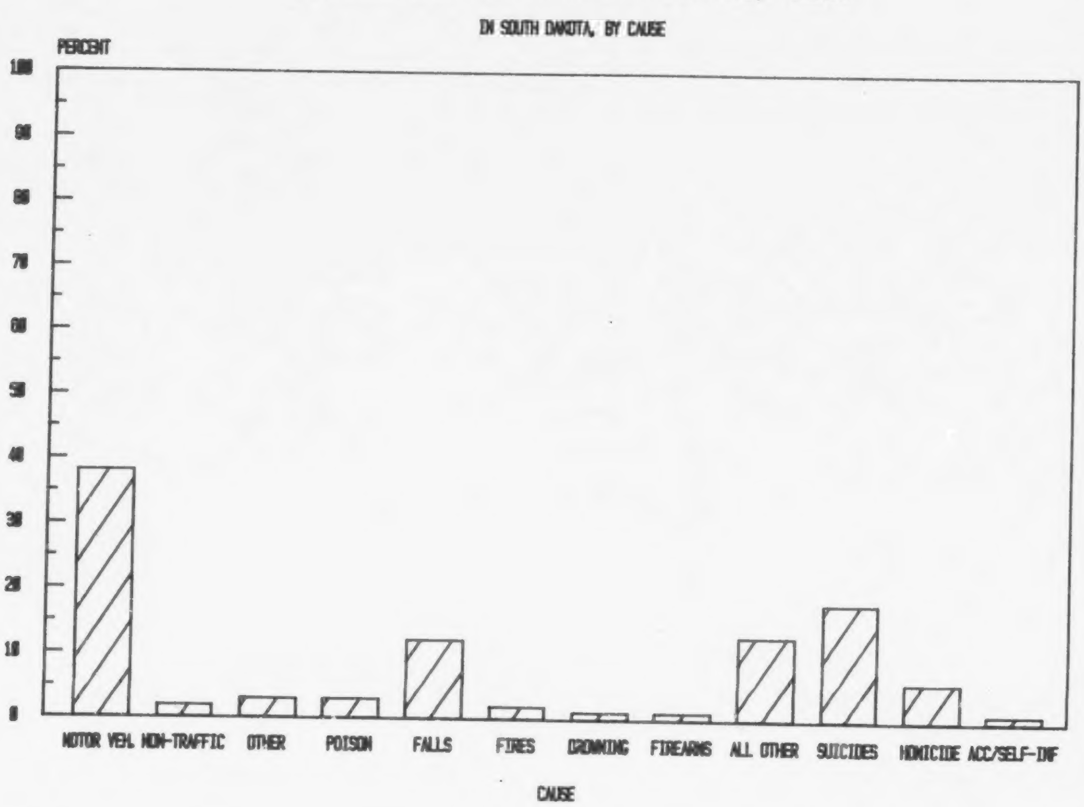


Table 28

DEATHS FROM SELECTED EXTERNAL CAUSES BY RACE AND SEX, 1983

		TOTAL				WHITE				INDIAN				OTHER			
		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
CAUSE OF DEATH	TOTAL	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
MOTOR VEHICLE	176	127	72.2	49	27.8	101	57.4	37	21.0	23	13.1	11	6.3	3	1.7	1	0.6
MOTOR VEHICLE NON-TRAFFIC	9	6	66.7	3	33.3	4	44.4	2	22.2	2	22.2	1	11.1	-	-	-	-
OTHER TRANSP.	14	13	92.9	1	7.1	13	92.9	1	7.1	-	-	-	-	-	-	-	-
POISON	12	11	91.7	1	8.3	9	75.0	1	8.3	2	16.7	-	-	-	-	-	-
FALLS	55	30	54.5	25	45.5	27	49.1	24	43.6	3	5.5	1	1.8	-	-	-	-
FIRES	10	7	70.0	3	30.0	6	60.0	2	20.0	1	10.0	1	10.0	-	-	-	-
DROWNING	5	5	100	-	-	3	60.0	-	-	2	40.0	-	-	-	-	-	-
FIREARMS	7	6	85.7	1	14.3	4	57.1	1	14.3	2	28.6	-	-	-	-	-	-
ALL OTHER ACCIDENT	63	52	82.5	11	17.5	38	60.3	8	12.7	14	22.2	3	4.8	-	-	-	-
SUICIDES	82	71	86.6	11	13.4	60	73.2	9	11.0	11	13.4	2	2.4	-	-	-	-
HOMICIDE & LEGAL INTERV.	27	17	63.0	10	37.0	6	22.2	5	18.5	11	40.7	5	18.5	-	-	-	-
ACCIDENT OR SELF INFLICTE	7	6	85.7	1	14.3	3	42.9	-	-	3	42.9	1	14.3	-	-	-	-
	===	===		===		===		==		==		==		=		=	
	467	351	75.2	116	24.8	274	58.7	90	19.3	74	15.8	25	5.4	3	0.6	1	0.2

SUICIDES

Suicides are the second leading cause of accidental or violent deaths in South Dakota---second only to motor vehicle accidents.

The suicide rate in South Dakota remained fairly stable between 1960 and 1979 fluctuating between 7.07 and 11.41. A noticeable increase occurred in 1980 when the rate increased to 12.88. In 1982 the suicide rate reached a high of 13.75. In 1983 the rate was 11.77.

In 1983 73.2% of all suicides were committed by white males. Between 1960 and 1983 an average of 81.0% of all suicides were committed by males and 87.4% by whites. Since 1970, however, the percentage of non-white suicides has increased substantially---from approximately 3% to 16% of all suicides. The suicide rate is lowest for Indian females; in 1983 only 2.4% of all suicides were Indian women.

In 1982, the 25-34 year old age group represented the most suicides among all the age groupings; however, in 1983, the 45-64 year old age group represented the most---almost one-fourth (22.6%) of all suicides committed.

Table 29
SOUTH DAKOTA SUICIDES, 1960-1983

	TOTAL	% MALES	% WHITE	RATE (Per 100,000 Population)	PMR*
1960	69	89.9	97.1	10.10	1.04
1961	49	73.5	95.9	7.07	.79
1962	80	87.5	96.3	11.34	1.22
1963	72	80.6	94.4	10.17	1.08
1964	70	90.0	85.7	9.99	1.06
1965	62	90.3	96.8	8.96	0.95
1966	67	73.1	92.5	9.81	1.02
1967	57	77.2	96.5	8.49	0.90
1968	60	81.7	80.0	8.97	0.92
1969	63	76.2	92.1	9.43	0.93
1970	61	68.9	83.6	9.16	0.93
1971	82	72.0	80.5	12.17	1.22
1972	74	66.2	79.7	10.88	1.05
1973	53	81.1	90.6	7.77	0.80
1974	69	81.2	88.4	10.13	1.05
1975	72	81.9	84.7	10.58	1.11
1976	75	85.3	84.0	10.94	1.11
1977	74	82.4	82.4	10.76	1.18
1978	79	79.8	83.5	11.41	1.22
1979	71	84.5	87.3	10.31	1.12
1980	89	84.3	78.7	12.88	1.36
1981	84	88.1	72.6	12.16	1.31
1982	95	82.1	89.5	13.75	1.44
1983	82	86.6	84.1	11.77	1.24

*Proportional Mortality Rate is the proportion of suicide deaths to all deaths; e.g., in 1983 there were 1.24 suicide deaths for every 100 deaths (from all causes).

Figure 10

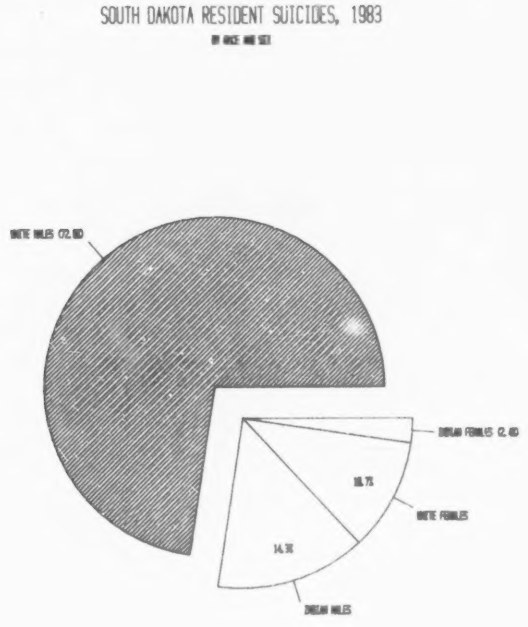


Figure 11

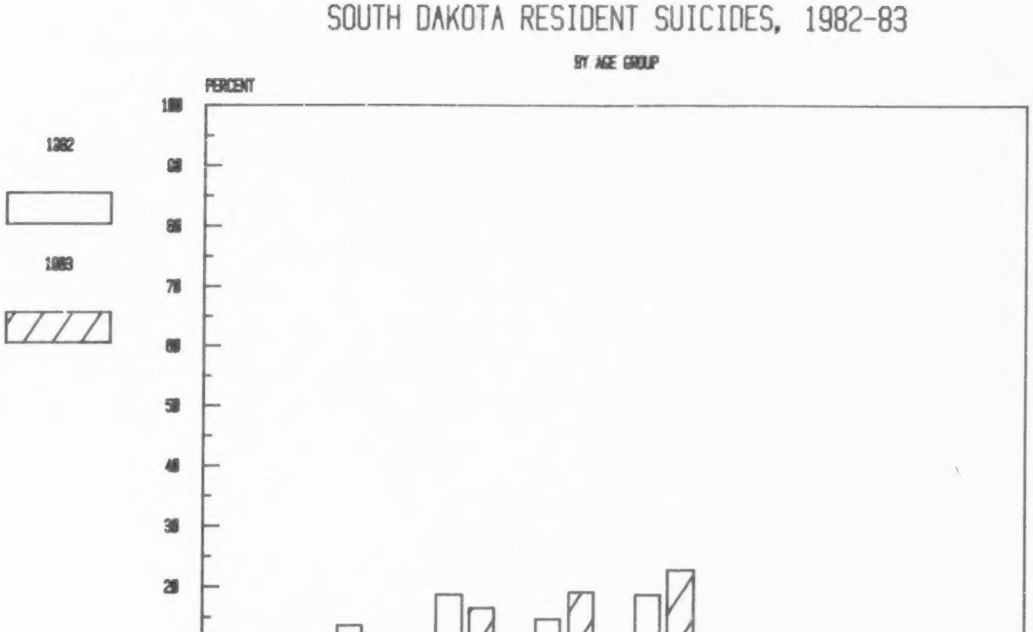


Figure 12

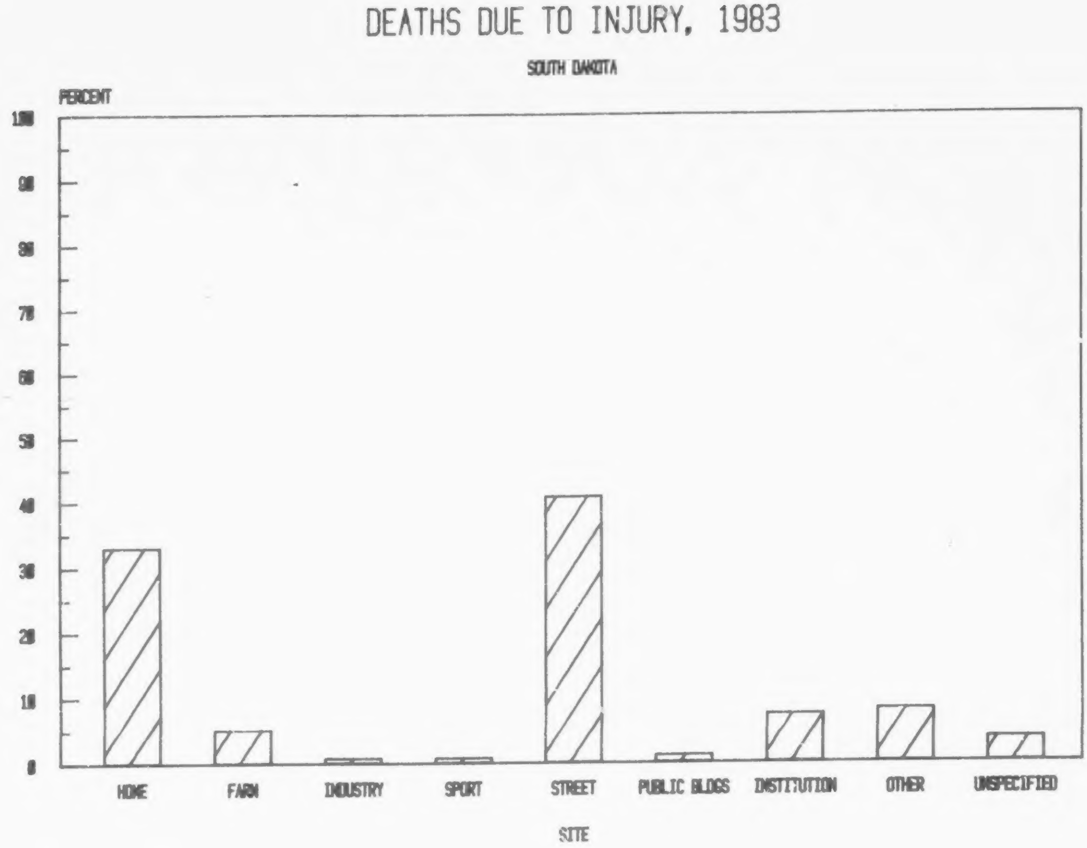


Table 30

DEATHS DUE TO INJURY IN SOUTH DAKOTA, 1983

		SITE OF ACCIDENT								
	TOTAL	HOME	FARM	INDUST.	SPORT	STREET	PUB. BUILD.	INSTIT.	OTHER	UNSPEC.
	467	154	24	3	3	190	5	34	37	17
EXTERNAL CAUSE OF DEATH										
M.V. TRAFFIC ACCIDENTS	176	1	-	-	-	173	1	-	-	1
M.V. NON-TRAFFIC ACCIDENTS	9	5	1	-	-	-	1	-	2	-
OTHER TRANSPORT ACCIDENTS	14	1	2	-	-	1	1	-	9	-
POISONINGS	12	8	1	-	1	-	-	-	1	1
FALLS	55	33	1		-	1	-	18	1	1
FIRES	10	10	-		-	-	-	-	-	-
DROWNINGS	5	-	-	-		-		-	5	-
FIREARMS	7	3	1	1	1	1	-	-	-	-
ALL OTHER ACCIDENTS	63	15	14	2	-	4	-	9	9	10
SUICIDES	82	56	3	-	1	5	2	6	7	2
HOMICIDES & LEGAL INTERVENTION	27	16	1	-	-	5	-	1	2	2
UNDETERMINED (ACC. OR SUICIDE)	7	6	-			-	-	-	1	-

Table 31

EXTERNAL CAUSE OF DEATH BY COUNTY OF INJURY, 1983

	TOTAL	MOTOR VEHICLE	MOTOR VEHICLE NON-TRAFFIC	OTHER TRANSP.	POISON	FALLS	FIRES	DROWNING	FIREARMS	ALL OTHER ACCIDENT	SUICIDES	HOMICIDE & LEGAL INTERV.	UNDETERMINED ACCIDENT OR SELF INFLICTE
TOTAL	467	176	9	14	12	55	10	5	7	63	82	27	7
AURORA	4	1	-	-	-	-	-	-	-	1	2	-	-
BEADLE	8	1	-	-	1	1	1	-	-	1	1	-	2
BENNETT	7	5	-	-	-	-	-	-	-	-	-	2	-
BON HOMME	3	1	-	-	1	-	-	-	-	-	1	-	-
BROOKINGS	9	1	1	-	-	3	-	1	-	2	1	-	-
BROWN	14	5	-	-	1	4	-	-	-	-	4	-	-
BRULE	2	2	-	-	-	-	-	-	-	-	-	-	-
BUFFALO	3	1	1	-	-	-	-	-	-	-	-	1	-
BUTTE	9	5	-	-	-	1	-	-	-	1	2	-	-
CHARLES MIX	7	3	-	-	-	-	-	1	1	-	1	1	-
CLARK	7	1	-	-	-	1	-	-	-	3	2	-	-
CLAY	4	1	-	-	-	2	-	-	-	1	-	-	-
CODINGTON	17	2	-	-	-	1	5	-	-	1	7	1	-
CORSON	4	2	-	-	-	-	1	-	-	-	-	1	-
CUSTER	8	7	-	-	-	-	-	-	-	1	-	-	-
DAVISON	15	4	-	-	1	5	-	-	-	-	5	-	-
DAY	6	2	-	-	-	-	2	-	-	-	1	1	-
DEUEL	7	3	-	-	-	-	-	-	-	2	2	-	-
DEWEY	12	6	-	-	-	-	-	1	-	-	3	2	-
DOUGLAS	1	-	-	-	1	-	-	-	-	-	-	-	-
EDMUNDS	1	1	-	-	-	-	-	-	-	-	-	-	-
FALL RIVER	6	4	-	-	-	1	-	-	-	1	-	-	-
FAULK	3	1	-	-	-	1	-	-	-	-	1	-	-
GRANT	3	1	-	-	-	-	-	-	-	1	1	-	-
GREGORY	5	2	1	2	-	-	-	-	-	-	-	-	-
HAMLIN	2	1	-	-	-	-	-	-	-	-	1	-	-
HAND	1	-	-	-	-	-	-	-	-	-	1	-	-
HANSON	2	1	-	-	-	-	-	-	-	1	-	-	-
HARDING	1	1	-	-	-	-	-	-	-	-	-	-	-
HUGHES	6	1	-	-	-	1	-	-	-	-	3	-	1
HUTCHINSON	9	5	-	-	-	1	-	-	1	1	1	-	-
JACKSON	7	3	-	-	-	-	-	-	-	3	-	1	-
JERAULD	3	1	-	-	1	1	-	-	-	-	-	-	-
KINGSBURY	4	1	-	-	-	1	-	-	-	1	1	-	-
LAKE	5	3	1	-	-	-	-	-	-	1	-	-	-
LAWRENCE	18	10	-	-	1	2	-	-	1	2	1	1	-
LINCOLN	9	4	-	-	-	-	-	-	-	2	2	1	-
LYMAN	6	5	-	1	-	-	-	-	-	-	-	-	-
MCCOOK	5	2	-	-	-	1	-	-	-	-	2	-	-
MCPHERSON	1	-	-	-	-	-	-	-	-	1	-	-	-
MARSHALL	7	3	-	-	-	-	-	-	-	1	3	-	-
MEADE	11	3	1	-	-	4	-	-	1	-	1	1	-
MELLETTE	2	2	-	-	-	-	-	-	-	-	-	-	-
MINER	3	1	-	-	-	-	-	-	-	1	-	1	-
MINNEHAHA	37	7	-	4	-	10	-	2	-	5	7	1	1
MOODY	3	2	-	-	-	-	-	-	-	1	-	-	-
PENNINGTON	44	20	1	1	1	-	-	-	-	3	13	5	-
PERKINS	3	2	-	-	-	-	-	-	1	-	-	-	-
POTTER	2	1	-	-	-	-	-	-	-	1	-	-	-
ROBERTS	12	3	-	1	2	2	-	-	-	3	1	-	-
SANBORN	1	-	-	-	-	-	-	-	-	-	1	-	-
SHANNON	21	9	-	-	-	1	-	-	-	4	1	3	3
SPINK	3	1	-	-	-	-	-	-	-	1	1	-	-
STANLEY	2	1	-	1	-	-	-	-	-	-	-	-	-
SULLY	1	1	-	-	-	-	-	-	-	-	-	-	-
TODD	10	1	-	-	-	1	1	-	-	3	2	2	-
TRIPP	6	1	-	-	1	2	-	-	1	-	1	-	-
TURNER	6	2	1	-	-	1	-	-	-	1	1	-	-
UNION	8	4	-	2	-	1	-	-	-	1	-	-	-
WALWORTH	9	3	-	1	-	4	-	-	1	-	-	-	-
YANKTON	6	3	1	1	-	-	-	-	-	-	1	-	-
ZIEBACH	9	5	1	-	-	-	-	-	-	2	1	-	-
UNKNOWN	17	1	-	-	1	2	-	-	-	9	2	2	-

Table 32

EXTERNAL CAUSE OF DEATH BY LOCATION OF INJURY AND EMPLOYMENT, 1983

		EMPLOYMENT AT TIME OF INJURY							
	TOTAL	NOT AT WORK	AGRICULT.	MINING-DRILLING	CONSTR.	TRANS & P. UTL.	SERVICE	GOVERNMT.	OTHER & UNSP.
	467	416	20	1	5	5	1	4	15
SITE OF ACCIDENT									
HOME	154	154	-	-	-	-	-	-	-
FARM	24	6	18	-	-	-	-	-	-
INDUST.	3	1	-	-	1	-	-	1	-
SPORT	3	3	-	-	-	-	-	-	-
STREET	190	175	2	1	3	4	1	2	2
PUB. BUILD.	5	3	-	-	-	1	-	1	-
INSTITUTION	34	34	-	-	-	-	-	-	-
OTHER	37	34	-	-	1	-	-	-	2
UNSPECIFIED	17	6	-	-	-	-	-	-	11

Table 33

DEATHS DUE TO INJURY IN SOUTH DAKOTA, 1983

		EMPLOYMENT AT TIME OF INJURY							
	TOTAL	NOT AT WORK	AGRICULT.	MINING-DRILLING	CONSTR.	TRANS & P. UTL.	SERVICE	GOVERNMT.	OTHER & UNSP.
TOTAL	467	416	20	1	5	5	1	4	15
EXTERNAL CAUSE OF DEATH									
M.V. TRAFFIC ACCIDENTS	176	159	2	1	3	5	1	2	3
M.V. NON-TRAFFIC ACCIDENTS	9	8	1	-	-	-	-	-	-
OTHER TRANSPORT ACCIDENTS	14	11	2	-	-	-	-	1	-
POISONINGS	12	11	1	-	-	-	-	-	-
FALLS	55	52	1	-	1	-	-	-	1
FIRES	10	10	-	-	-	-	-	-	-
DROWNINGS	5	5	-	-	-	-	-	-	-
FIREARMS	7	6	-	-	-	-	-	1	-
ALL OTHER ACCIDENTS	63	40	13	-	1	-	-	-	9
SUICIDES	82	80	-	-	-	-	-	-	2
HOMICIDES & LEGAL INTERVENTION	27	27	-	-	-	-	-	-	-
UNDETERMINED (ACC. OR SUICIDE)	7	7	-	-	-	-	-	-	-

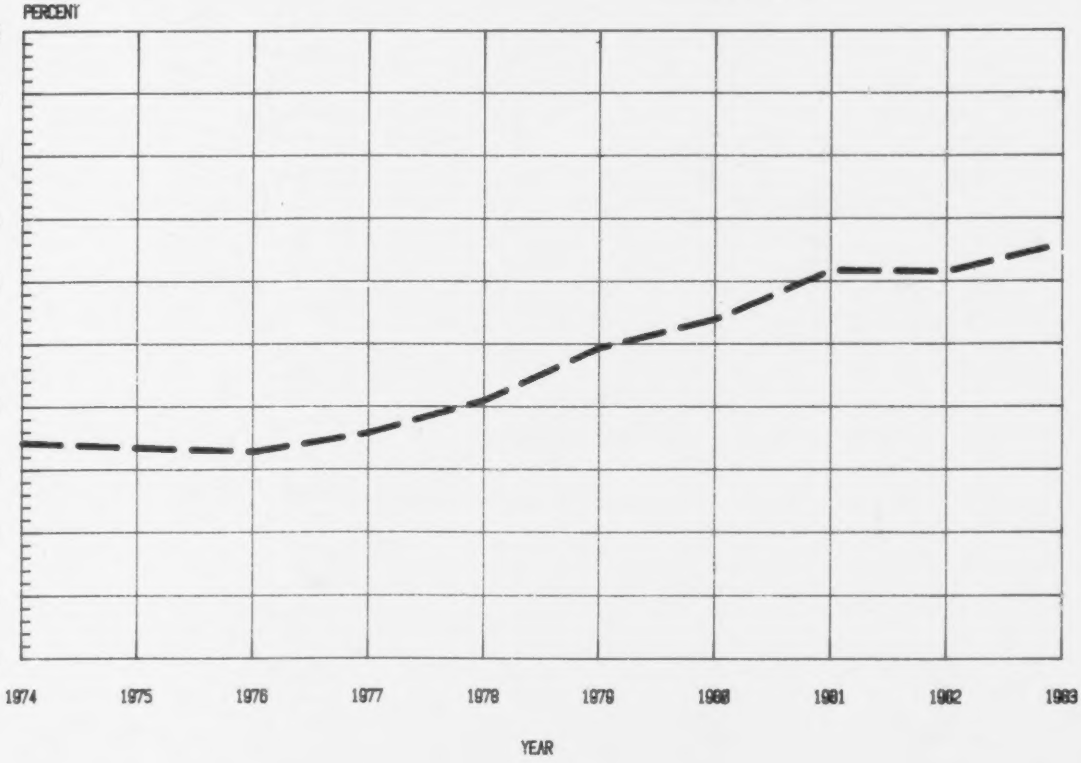
Induced Abortions

ABORTIONS

The State of South Dakota began collecting abortion data in 1973 following the enactment of legislation in March of that year. The first full year of data collected was in 1974. Figures for 1983 show that 1,691 induced abortions were performed in South Dakota, 90 more than in 1974. However, the percentage of those abortions that were obtained by South Dakota residents increased from 57.1% in 1974 to 73.0% in 1983.

The following graph portrays the percent of induced abortions in South Dakota that were obtained by South Dakota residents from 1974 to 1983.

Figure 13
PERCENT OF SOUTH DAKOTA INDUCED ABORTIONS
Obtained by South Dakota Residents, 1974-1983



Residents from surrounding states accounted for 21.5% of South Dakota abortions in 1983. Women from Wyoming and Nebraska represented the single highest numbers of out-of-state residents receiving abortions in South Dakota.

Of the 1,691 women obtaining abortions, 91.6% were white and 5.1% were Native Americans. Women aged 20-24 years obtained 35.1% of all induced abortions followed closely by females 15-19 years of age who accounted for 30.6% of the induced abortions. However, the 18, 19, and 20 year old females received the largest number of abortions, as is evidenced by the table showing single age years of induced abortions.

The majority of women (79.5%) obtaining induced abortions in 1983 had no previous abortions; 19.7% of the women had one or more previous abortions. Of the women obtaining abortions, 61.7% had no living children at the time of the abortion.

Table 33

RESIDENT INDUCED ABORTIONS BY COUNTY OF RESIDENCE AND AGE GROUP, 1983

	TOTAL	AGE OF PATIENT								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	NOT STATED
	1234	4	383	421	228	109	52	24	2	11
AURORA	1	-	-	-	-	-	-	1	-	-
BEADLE	23	-	5	9	4	3	2	-	-	-
BENNETT	4	-	2	2	-	-	-	-	-	-
BON HOMME	5	-	3	-	1	-	-	1	-	-
BROOKINGS	55	-	21	25	5	3	-	1	-	-
BROWN	25	-	4	11	5	1	3	-	-	1
BRULE	13	1	7	1	1	-	2	1	-	-
BUFFALO	2	-	-	1	-	-	1	-	-	-
BUTTE	14	-	5	5	3	1	-	-	-	-
CHARLES MIX	4	-	-	-	2	-	1	-	1	-
CLARK	1	-	-	-	-	-	1	-	-	-
CLAY	35	-	12	13	8	-	1	1	-	-
CODINGTON	20	-	7	8	3	2	-	-	-	-
CORSON	6	-	3	1	2	-	-	-	-	-
CUSTER	8	-	2	4	2	-	-	-	-	-
DAVISON	29	-	11	9	2	3	1	3	-	-
DAY	5	-	1	4	-	-	-	-	-	-
DEUEL	4	-	2	-	-	1	1	-	-	-
DEWEY	11	-	2	5	-	2	1	1	-	-
DOUGLAS	1	-	1	-	-	-	-	-	-	-
FALL RIVER	14	-	5	5	1	2	1	-	-	-
FAULK	2	-	2	-	-	-	-	-	-	-
GRANT	1	-	-	-	1	-	-	-	-	-
GREGORY	1	-	1	-	-	-	-	-	-	-
HAAKON	3	-	1	1	1	-	-	-	-	-
HAMLIN	2	-	1	1	-	-	-	-	-	-
HANSON	3	-	3	-	-	-	-	-	-	-
HARDING	4	-	-	2	1	1	-	-	-	-
HUGHES	37	-	14	12	5	3	2	1	-	-
HUTCHINSON	4	-	3	-	1	-	-	-	-	-
HYDE	4	-	1	2	-	-	-	1	-	-
JACKSON	5	-	2	1	1	-	1	-	-	-
JERAULD	1	-	1	-	-	-	-	-	-	-
JONES	4	-	1	2	-	-	1	-	-	-
KINGSBURY	3	-	2	-	-	1	-	-	-	-
LAKE	11	-	4	5	-	2	-	-	-	-
LAWRENCE	87	-	24	33	20	6	3	1	-	-
LINCOLN	16	-	7	5	2	1	1	-	-	-
LYMAN	4	-	-	2	1	1	-	-	-	-
MCCOOK	4	-	1	-	2	1	-	-	-	-
MCPHERSON	2	-	-	1	-	1	-	-	-	-
MEADE	32	-	5	12	8	5	1	1	-	-
MELLETTE	2	-	1	-	-	-	1	-	-	-
MINER	4	-	3	1	-	-	-	-	-	-
MINNEHAHA	233	-	64	87	40	32	5	3	1	1
MOODY	5	-	2	1	1	-	1	-	-	-
PENNINGTON	335	2	98	113	76	27	11	5	-	3
PERKINS	3	-	1	2	-	-	-	-	-	-
POTTER	2	-	2	-	-	-	-	-	-	-
ROBERTS	1	-	1	-	-	-	-	-	-	-
SANBORN	2	-	1	1	-	-	-	-	-	-
SHANNON	10	-	1	2	3	2	1	-	-	1
SPINK	11	-	5	3	1	1	-	1	-	-
STANLEY	3	-	-	2	-	-	1	-	-	-
TODD	13	-	2	1	5	3	1	-	-	1
TRIPP	9	1	3	2	2	-	1	-	-	-
TURNER	5	-	1	2	-	1	1	-	-	-
UNION	7	-	4	3	-	-	-	-	-	-
WALWORTH	5	-	2	1	2	-	-	-	-	-
YANKTON	15	-	4	2	6	-	2	1	-	-
ZIEBACH	2	-	2	-	-	-	-	-	-	-
UNKNOWN	57	-	20	16	10	3	3	1	-	4

Table 34

INDUCED ABORTIONS OCCURRING IN SOUTH DAKOTA
BY AGE AND RACE OF PATIENT, 1983

	TOTAL	PATIENT'S RACE				
		WHITE	INDIAN	BLACK	OTHER	NOT STATED
TOTAL	1691	1550	86	23	22	10
PATIENT'S AGE						
14	8	6	2	-	-	-
15	29	27	2	-	-	-
16	79	74	3	2	-	-
17	103	96	6	1	-	-
18	154	148	3	1	1	1
19	153	144	7	2	-	-
20	168	160	5	2	1	-
21	142	134	3	4	1	-
22	110	104	5	1	-	-
23	97	90	5	1	1	-
24	76	71	4	-	1	-
25	75	65	9	-	1	-
26	66	58	3	3	2	-
27	67	58	7	1	1	-
28	59	53	2	3	1	-
29	52	47	1	-	4	-
30	42	40	2	-	-	-
31	26	21	2	-	3	-
32	36	30	3	1	2	-
33	18	16	1	-	1	-
34	20	18	1	-	1	-
35	26	23	3	-	-	-
36	19	18	1	-	-	-
37	10	9	1	-	-	-
38	7	6	1	-	-	-
39	6	5	1	-	-	-
40	1	1	-	-	-	-
41	12	10	2	-	-	-
42	11	10	-	-	1	-
43	4	4	-	-	-	-
45	2	2	-	-	-	-
NOT STATED	13	2	1	1	-	9

Table 35

INDUCED ABORTIONS OCCURRING IN SOUTH DAKOTA BY NUMBER OF PREVIOUS ABORTIONS AND AGE OF MOTHER, 1983

	TOTAL	AGE OF PATIENT								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	NOT STATED
TOTAL	1691	8	518	593	319	142	68	28	2	13
PREVIOUS ABORTIONS										
NONE	1345	8	464	467	211	104	58	24	1	8
1	266	-	41	106	75	29	9	3	1	2
2	52	-	5	14	23	7	1	1	-	1
3	11	-	-	1	7	2	-	-	-	1
4	1	-	-	1	-	-	-	-	-	-
5	2	-	-	-	2	-	-	-	-	-
6	1	-	-	-	1	-	-	-	-	-
NOT STATED	13	-	8	4	-	-	-	-	-	1

Table 36

INDUCED ABORTIONS OCCURRING IN SOUTH DAKOTA BY PATIENT'S AGE
AND NUMBER OF LIVING CHILDREN, 1983

	TOTAL	NUMBER OF LIVING CHILDREN									
		NONE	1	2	3	4	5	6	7	9	NOT STATED
TOTAL	1691	1043	271	201	75	42	9	7	3	1	39
PATIENT'S AGE											
14	8	8	-	-	-	-	-	-	-	-	-
15	29	28	-	-	-	-	-	-	-	-	1
16	79	73	1	1	-	1	-	-	-	-	3
17	103	94	5	-	-	-	-	-	-	-	4
18	154	143	7	2	-	-	-	-	-	-	2
19	153	120	18	5	-	-	-	-	-	-	10
20	168	138	20	5	3	-	-	-	-	-	2
21	142	100	28	9	3	-	-	-	-	-	2
22	110	67	24	16	-	1	-	-	-	-	2
23	97	61	20	11	2	-	-	-	-	-	3
24	76	40	18	12	6	-	-	-	-	-	-
25	75	33	17	17	6	1	1	-	-	-	-
26	66	28	20	14	3	1	-	-	-	-	-
27	67	24	16	18	8	-	1	-	-	-	-
28	59	22	15	17	5	-	-	-	-	-	-
29	52	18	15	10	6	1	2	-	-	-	-
30	42	13	7	14	3	5	-	-	-	-	-
31	26	5	10	10	-	-	-	1	-	-	-
32	36	10	7	8	2	8	1	-	-	-	-
33	18	3	2	6	3	3	-	-	-	-	1
34	20	6	5	5	2	1	1	-	-	-	-
35	26	4	4	7	5	4	-	2	-	-	-
36	19	2	3	5	4	3	1	1	-	-	-
37	10	1	2	2	1	3	-	1	-	-	-
38	7	-	2	1	2	2	-	-	-	-	-
39	6	-	-	1	2	1	-	1	1	-	-
40	1	-	-	-	1	-	-	-	-	-	-
41	12	-	3	1	3	1	2	1	-	1	-
42	11	-	2	1	2	6	-	-	-	-	-
43	4	-	-	1	1	-	-	-	2	-	-
45	2	-	-	1	1	-	-	-	-	-	-
NOT STATED	13	2	-	1	1	-	-	-	-	-	9

Table 37

INDUCED ABORTIONS IN SOUTH DAKOTA BY STATE OF PATIENTS RESIDENCE AND AGE OF PATIENT, 1983

	TOTAL	AGE OF PATIENT								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	NOT STATED
TOTAL	1691	8	518	593	319	142	68	28	2	13
STATE OF RESIDENCE										
ALABAMA	1	-	-	1	-	-	-	-	-	-
CALIFORNIA	5	-	1	1	3	-	-	-	-	-
COLORADO	3	-	1	1	1	-	-	-	-	-
FLORIDA	3	-	-	1	2	-	-	-	-	-
ILLINOIS	1	-	-	-	-	1	-	-	-	-
IOWA	48	-	17	15	13	2	1	-	-	-
MICHIGAN	4	-	-	1	3	-	-	-	-	-
MINNESOTA	49	-	20	17	7	3	1	1	-	-
MONTANA	37	-	12	12	10	1	1	1	-	-
NEBRASKA	78	2	18	33	11	7	6	-	-	1
NEW YORK	2	-	-	-	1	1	-	-	-	-
NORTH DAKOTA	41	-	13	14	6	3	4	1	-	-
PENNSYLVANIA	1	-	-	1	-	-	-	-	-	-
SOUTH DAKOTA	1234	4	383	421	228	109	52	24	2	11
TEXAS	3	-	1	2	-	-	-	-	-	-
VIRGINIA	1	-	-	-	-	1	-	-	-	-
WISCONSIN	1	-	1	-	-	-	-	-	-	-
WYOMING	110	1	29	44	24	9	2	1	-	-
CANADA	64	1	22	26	9	5	1	-	-	-
FOREIGN COUNTRY	1	-	-	-	1	-	-	-	-	-
NOT STATED	4	-	-	3	-	-	-	-	-	1

Marriages and Divorces

Table 38

MARRIAGES BY COUNTY OF OCCURRENCE BY RESIDENCE STATUS OF BRIDE AND GROOM, 1983

	TOTAL	BRIDE OUT OF STATE RESIDENCE		BRIDE SOUTH DAKOTA RESIDENCE	
		GROOM OUT OF STATE RESIDENCE	GROOM SOUTH DAKOTA RESIDENCE	GROOM OUT OF STATE RESIDENCE	GROOM SOUTH DAKOTA RESIDENCE
	8013	1813	151	589	5460
AURORA	27	-	-	2	25
BEADLE	203	22	3	15	163
BENNETT	56	17	-	2	37
BON HOMME	58	3	-	1	54
BROOKINGS	228	34	5	13	176
BROWN	362	47	5	28	282
BRULE	51	6	-	3	42
BUFFALO	2	-	-	-	2
BUTTE	92	15	1	8	68
CAMPBELL	15	3	-	4	8
CHARLES MIX	92	9	3	6	74
CLARK	26	2	1	1	22
CLAY	125	39	6	9	71
CODINGTON	454	202	6	18	228
CORSON	28	5	-	3	20
CUSTER	88	23	2	8	55
DAVISON	201	22	1	13	165
DAY	87	16	2	5	64
DEUEL	47	17	6	3	21
DEWEY	33	1	1	1	30
DOUGLAS	54	2	-	6	46
EDMUNDS	49	2	-	2	45
FALL RIVER	117	30	4	4	79
FAULK	24	1	-	-	23
GRANT	171	96	2	9	64
GREGORY	48	10	4	4	30
HAAKON	24	-	-	-	24
HAMLIN	31	1	1	4	25
HAND	35	-	-	1	34
HANSON	21	1	-	1	19
HARDING	10	4	-	1	5
HUGHES	250	17	3	10	220
HUTCHINSON	80	3	-	5	72
HYDE	9	1	-	-	8
JACKSON	22	3	-	-	19
JERAULD	34	2	-	-	32
JONES	19	1	1	1	16
KINGSBURY	56	3	-	7	46
LAKE	91	10	-	4	77
LAWRENCE	295	60	7	21	207
LINCOLN	73	7	3	4	59
LYMAN	18	2	-	2	14
MCCOOK	53	3	-	1	49
MCPHERSON	35	2	1	2	30
MARSHALL	52	9	-	8	35
MEADE	157	19	1	11	126
MELLETTE	22	1	-	-	21
MINER	32	2	-	1	29
MINNEHAHA	1441	282	17	103	1039
MOODY	47	6	-	5	36
PENNINGTON	1154	244	39	163	708
PERKINS	30	2	-	5	23
POTTER	29	1	-	2	26
ROBERTS	207	135	3	11	58
SANBORN	24	1	-	-	23
SHANNON	11	-	1	-	10
SPINK	59	5	-	3	51
STANLEY	22	3	1	1	17
SULLY	5	1	-	1	3
TODD	11	1	-	-	10
TRIPP	83	12	1	4	66
TURNER	75	7	2	9	57
UNION	311	235	11	8	57
WALWORTH	68	10	1	6	51
YANKTON	269	93	5	16	155
ZIEBACH	10	-	1	-	9

Table 39

COUNTY OF MARRIAGE AND NUMBER OF LICENSES ISSUED, 1983

	NUMBER OF LICENSES ISSUED	NUMBER OF MARRIAGES PERFORMED
AURORA	18	27
BEADLE	223	203
BENNETT	61	56
BON HOMME	40	58
BROOKINGS	279	228
BROWN	444	362
BRULE	47	51
BUFFALO	1	2
BUTTE	110	92
CAMPBELL	17	15
CHARLES MIX	81	92
CLARK	21	26
CLAY	141	125
CODINGTON	477	454
CORSON	26	28
CUSTER	69	88
DAVISON	251	201
DAY	84	87
DEUEL	24	47
DEWEY	20	33
DOUGLAS	42	54
EDMUNDS	38	49
FALL RIVER	118	117
FAULK	14	24
GRANT	181	171
GREGORY	46	48
HAAKON	25	24
HAMLIN	15	31
HAND	31	35
HANSON	13	21
HARDING	11	10
HUGHES	280	250
HUTCHINSON	48	80
HYDE	8	9
JACKSON	18	22
JERAULD	17	34
JONES	19	19
KINGSBURY	35	56
LAKE	93	91
LAWRENCE	262	295
LINCOLN	50	73
LYMAN	14	18
MCCOOK	28	53
MCPHERSON	18	35
MARSHALL	31	52
MEADE	140	157
MELLETTE	20	22
MINER	26	32
MINNEHAHA	1568	1441
MOODY	37	47
PENNINGTON	1179	1154
PERKINS	28	30
POTTER	24	29
ROBERTS	191	207
SANBORN	15	24
SHANNON	9	11
SPINK	38	59
STANLEY	26	22
SULLY	10	5
TODD	-	11
TRIPP	85	83
TURNER	53	75
UNION	300	311
WALWORTH	63	68
YANKTON	296	269
ZIEBACH	16	10
	====	====
	8013	8013

Table 40

MARITAL TERMINATIONS BY COUNTY OF RESIDENCE OF PARTY TO WHOM GRANTED, 1983

	TOTAL	GRANTED TO WIFE	GRANTED TO HUSBAND
AURORA	2	1	1
BEADLE	54	37	17
BENNETT	3	3	0
BON HOMME	17	13	4
BROOKINGS	80	60	20
BROWN	140	113	27
BRULE	18	14	4
BUTTE	48	36	12
CAMPBELL	3	1	2
CHARLES MIX	18	14	4
CLARK	9	8	1
CLAY	58	46	12
CODINGTON	81	58	23
CORSON	8	5	3
CUSTER	32	20	12
DAVISON	55	44	11
DAY	21	16	5
DEUEL	13	13	0
DEWEY	10	6	4
DOUGLAS	3	2	1
EDMUNDS	7	5	2
FALL RIVER	36	30	6
FAULK	9	8	1
GRANT	31	21	10
GREGORY	22	18	4
HAAKON	6	3	3
HAMLIN	8	7	1
HAND	10	9	1
HARDING	5	2	3
HUGHES	79	53	26
HUTCHINSON	11	6	5
JACKSON	9	7	2
JERAULD	4	3	1
KINGSBURY	20	16	4
LAKE	26	17	9
LAWRENCE	105	74	31
LINCOLN	35	27	8
LYMAN	10	5	5
MCCOOK	8	4	4
MCPHERSON	3	0	3
MARSHALL	15	12	3
MEADE	91	57	34
MELLETTE	9	5	4
MINER	4	3	1
MINNEHAHA	541	412	129
MOODY	21	15	6
PENNINGTON	472	321	151
PERKINS	7	3	4
POTTER	6	3	3
ROBERTS	24	17	7
SANBORN	9	5	4
SHANNON	2	0	2
SPINK	13	9	4
STANLEY	13	10	3
SULLY	6	4	2
TODD	19	14	5
TRIPP	13	7	6
TURNER	18	13	5
UNION	46	35	11
WALWORTH	21	15	6
YANKTON	71	49	22
ZIEBACH	1	0	1
OUT OF STATE	17	14	3
	====	====	===
	2556	1848	708

Table 41

MARITAL TERMINATIONS BY NUMBER OF CHILDREN AND AGE OF MOTHER, 1983

	TOTAL	NUMBER OF CHILDREN						
		NONE	1 CHILD	2 CHILDREN	3 CHILDREN	4 CHILDREN	5 CHILDREN	6 CHILDREN
TOTAL	2556	982	689	601	207	60	15	2
MOTHER'S AGE								
15-19	13	1	12	-	-	-	-	-
20-24	135	52	60	19	4	-	-	-
25-29	160	37	38	64	16	4	1	-
30-34	109	34	10	40	16	7	2	-
35-39	65	19	11	17	12	3	3	-
40-44	34	15	6	8	4	1	-	-
45-49	19	9	7	2	-	1	-	-
50-54	14	11	3	-	-	-	-	-
55-59	7	7	-	-	-	-	-	-
60-64	6	6	-	-	-	-	-	-
65-69	3	3	-	-	-	-	-	-
70-74	2	2	-	-	-	-	-	-
UNKNOWN	1989	786	542	451	155	44	9	2

Communicable Diseases

COMMUNICABLE DISEASE MORBIDITY

THE DISEASE REPORTING SYSTEM

The South Dakota Department of Health is authorized by SDCL 34-22-12 to collect and process mandatory reports of communicable diseases from physicians, hospitals, laboratories, and institutions. This includes the designation of certain diseases as "reportable" as well as the establishment of the mechanics for reporting communicable diseases, control measures, and the use of quarantine procedures.

Collected morbidity data are organized, recorded, and examined on a periodic, relative basis for evidence suggestive of disease trends, including fluctuations in morbidity, seasonal variations, changes in disease distribution, and characteristics of the natural history of endemic, epidemic, or sporadic diseases. Each month selected morbidity data are published in the Communicable Disease Bulletin, a report which is distributed to public and private health care providers throughout the state and other interested parties. This publication also features informational material pertinent to preventable disease control activities on local, state, and national levels.

The communicable disease reporting system in South Dakota is essential to the successful prevention and control of certain communicable diseases which threaten the lives and well-being of the citizens of South Dakota. Early detection of unusual characteristics or patterns of reportable diseases may provide sufficient evidence to warrant the initiation of preventive measures. In addition to statewide reporting, cooperative efforts in the area of communicable disease control are made with other state health departments and the National Centers for Disease Control, Atlanta, Georgia. These efforts contribute to an effective overall communicable disease prevention and control program for the nation.

This report contains the final figures in tabular form on the reported incidence of the notifiable (reportable) diseases in South Dakota for 1983. Brief narration is included to complement the more highly targeted disease prevention and control program areas of the South Dakota Department of Health.

The degree of completeness of disease reporting by physicians and institutions and of the morbidity data published in this report is influenced by the interests and priorities of the various reporting components in disease control and surveillance; however, the degree of underreporting is thought to remain relatively consistent with a slow but steady trend toward completeness. This allows data comparison over the years.

VACCINE-PREVENTABLE DISEASES

Remarkable accomplishments have been made in the reduction of vaccine-preventable disease morbidity and mortality during the past 15 years. Factors contributing to disease reduction during this period include the enactment of a statewide compulsory school immunization law in 1971; implementation of child-care facility immunization standards; provision of new vaccines in public clinics (measles vaccine distribution began in 1967, rubella in 1969, and mumps in 1976); and, since 1978, adequate free supplies of all childhood vaccines for private and public clinic use.

Immunization activities in South Dakota were greatly intensified during the years since 1977. A National Childhood Immunization Initiative (April 1977-October 1979) defined and resulted in achievement of two major goals: (1) ensuring that at least 90 percent of the nation's children had received needed vaccines, and (2) developing a permanent system to maintain this level of protection.

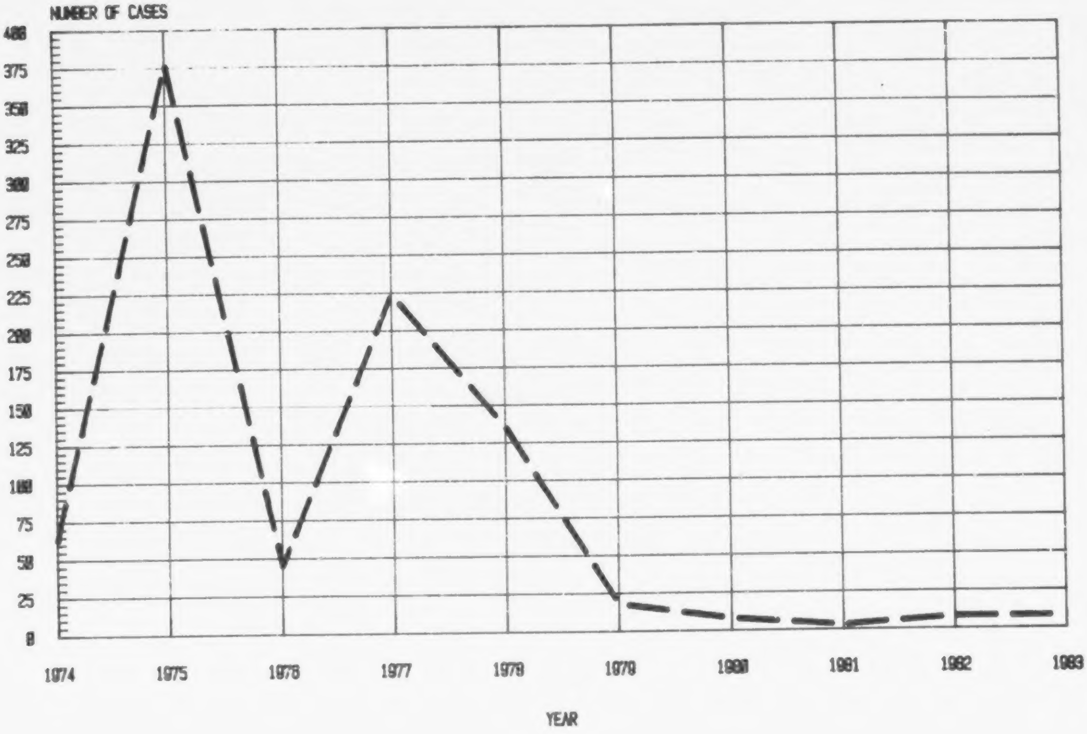
Because of the progress made by the Childhood Immunization Initiative, in October 1978 a goal was established to eliminate indigenous measles from the United States. The goal was further nurtured by the success of the global smallpox eradication program. Since measles is often a severe disease, frequently complicated by middle ear infection or bronchopneumonia and sometimes encephalitis, the South Dakota State Health Department moved quickly in 1978 to reduce the threat of future outbreaks by requiring all school age children to have measles vaccination and by requiring booster doses for students immunized before 1968.

In 1983, and for the fourth consecutive year, there were no cases of measles reported in South Dakota. Likewise, there were no cases of diphtheria, tetanus, or polio. In fact, South Dakota has been polio free since 1964.

There were also no cases of rubella reported in South Dakota during 1983. Rubella is a common childhood rash disease that is often overlooked or misdiagnosed. By far, the most important consequences of rubella are the fetal deaths and anomalies that frequently result from rubella infection in early pregnancy. Preventing infection of the fetus and consequently congenital rubella syndrome is a major objective of rubella immunization programs. Rubella morbidity in South Dakota has also been significantly affected by measles elimination activities, since immunization programs generally have utilized a combined measles-mumps-rubella vaccine. One delayed case of congenital rubella syndrome that occurred in 1978 was reported in South Dakota in 1983, the first since 1974.

During 1983, a total of 8 cases of pertussis was reported in South Dakota, an increase over the 6 cases reported in 1982. Complications of pertussis include pneumonia, otitis media, atelectasis, emphysema, bronchietasis, convulsions, and brain damage. Death occurs in one percent or less of infections. The disease is spread by respiratory contact and is highly communicable, with secondary attack rates in families as high as 90 percent. The disease is most severe in young infants; 70 percent of all deaths occur during the first year of life. The efficacy of the current pertussis vaccine and its generalized use, have resulted in remarkable reductions in pertussis morbidity and mortality over the past four decades.

Figure 14
REPORTED MORBIDITY, S.D. 1974-1983
For Seven Vaccine-Preventable Diseases



VENEREAL DISEASES

Gonorrhea

In South Dakota, gonorrhea continues to rank first among reported communicable diseases. The number of cases of gonorrhea reported in South Dakota decreased from 1,164 in 1982 to 1,067 in 1983, a reduction of 8 percent. The 1983 gonorrhea incidence showed a decline for the fifth consecutive year; it represented a new low; and, it was less than one-half of the reported incidence in 1974 (2,254 cases). South Dakota's 1983 gonorrhea case rate is 153 per 100,000 population, which is less than one-half that of the national case rate (388).

By early 1973, the South Dakota Department of Health had established a federally-assisted gonorrhea control program. The program has promulgated standard recommendations for gonorrhea therapy; expanded and improved clinical services in the public setting; provided public and patient education programs; developed a statewide gonorrhea culture testing program among women in high-risk disease groups; and, expanded counseling, interviewing, and contact-tracing services to infected patients and their sexual partners. The initiation, maintenance, and refinement of these prevention activities are the major reasons for the continuing decline in gonorrhea in South Dakota.

The incidence of gonorrhea has generally been highest in the sexually active age groups, with a peak among 20-24 year-olds of both sexes. Gonorrhea rates among males and females is about the same, suggesting that control program elements are properly balanced.

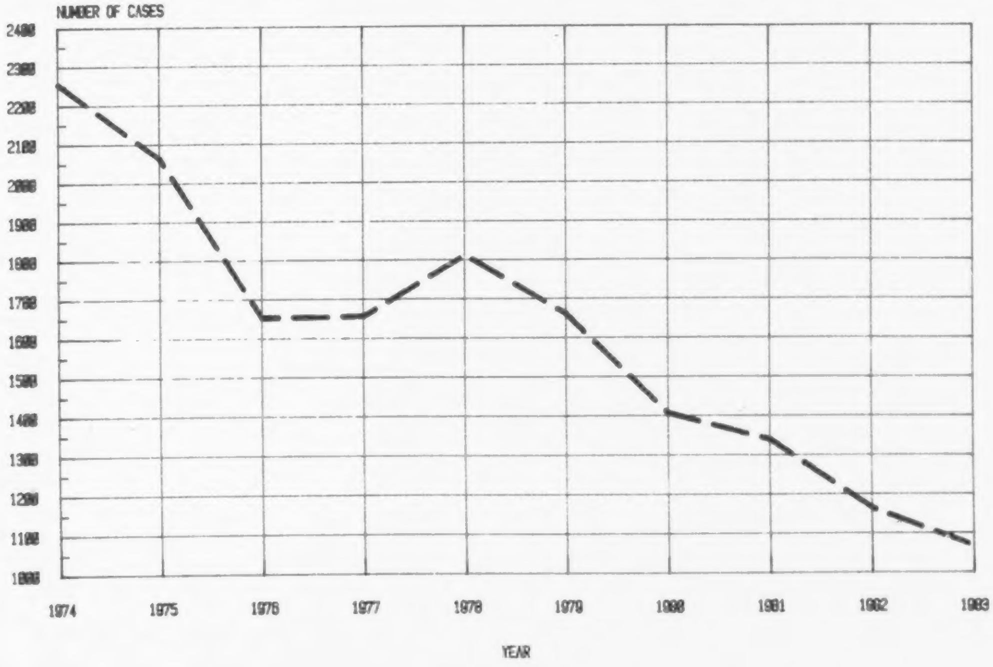
Gonorrhea is more often reported in Indians than in whites (as a function of case rates). The gonorrhea case rate among Indians in South Dakota approaches nearly 1,000 per 100,000 population and represents 42.6 percent of the total reported statewide morbidity.

Pelvic inflammatory disease (PID) is a major complication of untreated gonorrhea in women. Since 1978, the South Dakota Department of Health has undertaken a program directed toward the identification of women with these complications. Gonococcal pelvic inflammatory disease (G/PID) results in significant medical problems. It is linked with recurrent pelvic infections, ectopic pregnancy, and sterility. The economic costs associated with these conditions are very high.

Epidemiologic follow-up of sexual contacts to women with G/PID revealed over 25 percent of asymptomatic male sex partners as major sources of infection. Without epidemiologic intervention, these asymptomatic males often did not seek medical care and, therefore, continued to infect others.

In 1981, the first case of penicillinase-producing Neisseria gonorrhoeae (PPNG) was reported in South Dakota. This strain of gonorrhea, which is resistant to treatment with penicillin, is viewed as a serious threat to gonorrhea control programs throughout the United States. During 1983, two PPNG cases were reported in South Dakota. This increase in PPNG case identification paralleled increases that were occurring nationwide.

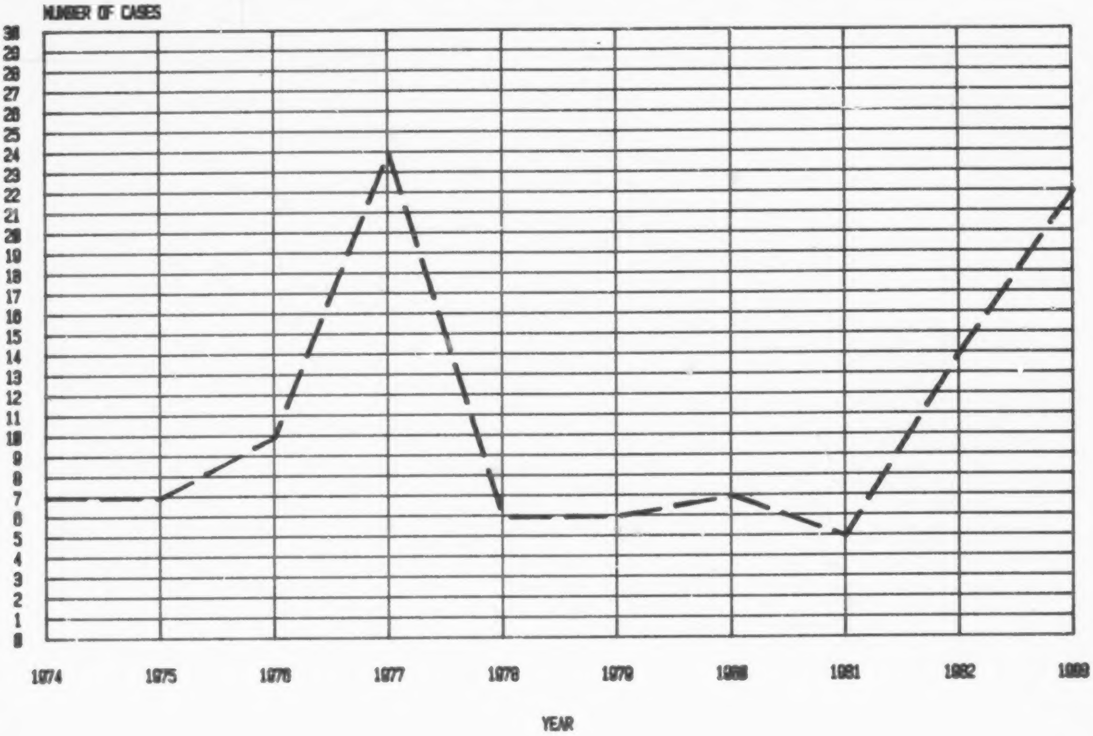
Figure 15
REPORTED MORBIDITY FOR GONORRHEA
South Dakota, 1974-1983



Syphilis

Twenty-two cases of early, infectious syphilis (primary, secondary, and early latent of less than one year's duration) were reported in South Dakota during 1983. Although this represents a case rate of only 3.4 per 100,000 population (national case rate of 14 per 100,000), it represents a significant increase over previous reporting periods. Three of the reported cases were isolated spread cases from out-of-state sources. The remaining nineteen cases were reported as indigenous and epidemiologically linked. Even though, epidemiologic evidence supports the assumption that South Dakota is free of indigenously acquired or transmitted syphilis. Accordingly, the occurrence of an early syphilis case in South Dakota is considered a medical emergency by the South Dakota Department of Health, and it receives immediate epidemiologic action.

Figure 16
REPORTED MORBIDITY FOR SYPHILIS*
South Dakota, 1974-1983



*Includes Primary, Secondary, and early Latent Syphilis.

Other Venereal Diseases

Other sexually transmitted diseases believed to be widespread in South Dakota are herpes simplex and Chlamydia trachomatis. Neither is reportable so estimates of annual incidence are based on national studies and laboratory results. The annual incidence of both sexually transmitted herpes simplex and chlamydia infections is estimated to be about twice that of reported gonorrhea. That would place national incidence at 2 million cases of each disease annually; in South Dakota, the estimate would be 2,200 cases each per year.

TUBERCULOSIS

During 1983, 46 cases of tuberculosis were reported in South Dakota, 10 cases more than were reported in 1982. Despite this increase, it is a continuation of an observed, long-term trend decrease in the number of reported cases; the total number of reported cases in 1951 was 2,000. The number of deaths attributed to tuberculosis in 1983 was 2. Of the reported 1983 cases, 38 (83 percent) were Indians. Extra-pulmonary disease accounted for 13 (28.3 percent) of total reported 1983 cases.

South Dakota's 1983 reported tuberculosis incidence represents a case rate of 6.6 per 100,000 population. This compares with a national case rate of 12 per 100,000 population, ranking South Dakota among the lowest of the 50 states.

A matter of concern in South Dakota as well as at the national level is the occurrence of tuberculosis in young children (under five years of age). Each such case represents a double failure: a failure to interrupt transmission of infection from a case of tuberculosis and a failure to prevent, through drug prophylaxis, the emergence of disease in such an infected child. In 1983, the incidence of new tuberculosis among children in this age group was only two cases.

The current low incidence of tuberculosis in South Dakota has adversely affected control efforts by reducing awareness and expertise in dealing with the disease; however, the South Dakota Department of Health continues to ensure comprehensive services are available throughout the State. These services include tuberculosis screening, contact investigation, antituberculosis drugs, preventive treatment services, medical evaluations, and laboratory services. Even though most counties in South Dakota have few cases of tuberculosis annually, all counties are provided at least a minimum level of service.

Although the number of tuberculosis cases has declined, tuberculosis remains a significant public health problem because of its communicability and serious health implications if left untreated.

Figure 17
REPORTED MORBIDITY FOR TUBERCULOSIS
South Dakota, 1974-1983

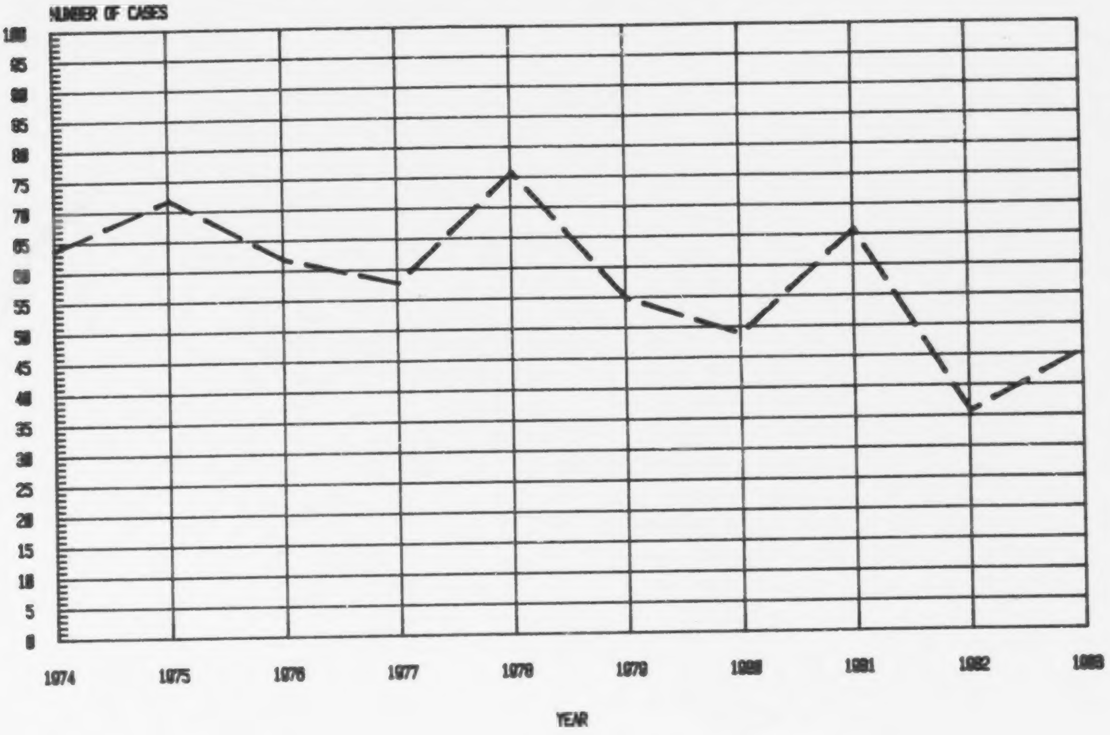


Table 42

REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES, SOUTH DAKOTA, 1974-1983

DISEASE	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
South Dakota Population	696,694	696,694	690,768	690,768	688,838	690,213	687,590	685,563	680,811	681,386
Amebiasis	1	-	-	-	2	-	1	-	-	2
Anthrax	-	-	-	-	-	-	-	-	-	-
Botulism:										
Foodborne	-	-	-	-	-	-	-	-	-	-
Infant	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Brucellosis	4	1	1	3	2	2	1	2	-	-
Chickenpox	645	271	995	1,115	635	441	872	85	151	35
Cholera	-	-	-	-	-	-	-	-	-	-
Dengue	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	3	-	-
Encephalitis:										
Primary	1	-	1	-	1	-	6	1	29	-
Post-infectious	1	1	1	-	1	-	-	-	-	-
Giardiasis	196	100	38	58	20	1	-	-	-	-
Hepatitis (viral):										
A (infectious)	187	14	38	72	207	242	34	89	39	164
B (serum)	17	17	8	8	19	14	12	5	8	4
non-A, non-B[1]	3	-	-	-	-	-	-	-	-	-
Unspecified	1	1	2	2	-	24	5	-	-	-
Influenza	3,312	526	2,653	2,422	2,965	2,011	1,682	752	204	920
Legionellosis[1]	1	-	-	-	1	-	-	-	-	-
Leprosy (Hansen's disease)	-	1	-	-	-	-	-	-	-	-
Leptospirosis	-	-	1	-	-	-	-	-	-	-
Malaria	1	-	1	-	1	1	1	3	-	1
Measles (total)[2]	-	-	-	-	2	-	75	5	353	31
Indigenous	-	-	-	-	-	-	-	-	-	-
Imported	-	-	-	-	-	-	-	-	-	-
Meningococcal infections	4	11	10	6	4	4	6	3	-	2
Meningitis:										
Aseptic	22	8	8	13	3	4	2	2	-	2
Bacterial	52	65	50	38	37	26	28	6	1	2
Mumps	-	1	1	3	11	11	59	11	6	3
Pertussis	8	6	2	3	-	11	1	4	1	3
Plague	-	-	-	-	-	-	-	-	-	-
Poliomyelitis:										
Paralytic	-	-	-	-	-	-	-	-	-	-
Nonparalytic	-	-	-	-	-	-	-	-	-	-
Unspecified	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-
Rabies:										
In Animals	149	116	323	472	143	98	139	142	49	168
In Humans	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (acute)	1	1	-	-	-	-	-	1	-	2
Rocky Mountain spotted fever	5	4	-	2	-	7	2	3	-	2
Rubella	-	1	-	2	5	112	89	21	17	26
Rubella, congenital syndrome	1	-	-	-	-	-	-	-	-	1
Salmonellosis	135	103	165	98	90	102	56	54	50	61
Scarlet fever[3]	17	56	-	-	-	-	-	-	-	-
Shigellosis	116	114	68	113	73	185	49	28	50	122
Smallpox	-	-	-	-	-	-	-	-	-	-
Streptococcal pharyngitis	2,016	1,993	1,301	2,707	4,631	3,509	5,640	6,528	5,287	7,577
Tetanus	-	-	-	-	-	1	-	1	-	-
Toxic-shock syndrome[4]	3	6	7	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-
Tuberculosis	46	36	66	49	55	76	58	62	72	64
Tularemia	10	1	3	1	2	-	2	1	-	3
Typhoid fever	-	-	1	1	-	-	-	1	-	-
Typhus fever	-	-	-	-	-	-	-	-	-	1
Venereal Diseases:										
Chancroid	-	-	-	-	-	-	-	-	-	2
Gonorrhea	1,067	1,164	1,339	1,406	1,660	1,812	1,656	1,652	2,062	2,254
Granuloma inguinale	-	-	-	-	-	-	-	-	-	-
Lymphogranuloma venereum	-	-	-	-	1	-	-	-	-	1
Syphilis	24	18	18	14	15	20	36	19	18	33
Yellow Fever	-	-	-	-	-	-	-	-	-	-

[1] Not reportable before 1982
[2] Only total Measles cases reported before 1982
[3] Scarlet fever cases included with Streptococcal pharyngitis cases before 1982
[4] Not reportable before 1981

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Table 43

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH OF REPORT
SOUTH DAKOTA, 1983

DISEASE	TOTAL	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Amebiasis	1	1	-	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism:													
Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-
Infant	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	4	-	-	-	-	1	2	-	-	-	1	-	-
Chickenpox	645	69	79	133	102	30	22	10	7	5	30	28	130
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis:													
Primary	1	-	-	-	-	-	-	-	-	1	-	-	-
Post-infectious	1	-	-	-	-	-	1	-	-	-	-	-	-
Giardiasis	196	8	16	14	6	11	16	15	19	41	20	27	3
Hepatitis (viral):													
A (infectious)	187	5	1	3	21	8	9	12	16	10	9	32	61
B (serum)	17	1	3	1	2	1	3	-	3	-	1	1	1
non-A, non-B	3	-	-	-	-	1	-	1	-	-	-	1	-
Unspecified	1	-	-	1	-	-	-	-	-	-	-	-	-
Influenza	3,312	473	1,098	1,222	151	25	8	2	9	55	30	153	66
Legionellosis	1	-	-	-	-	-	1	-	-	-	-	-	-
Leprosy (Hansen's disease)	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	1	-	-	-	-	-	-	1	-	-	-	-	-
Measles:													
Indigenous	-	-	-	-	-	-	-	-	-	-	-	-	-
Imported	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infections	4	-	1	1	-	1	1	-	-	-	-	-	-
Meningitis:													
Aseptic	22	1	-	-	1	-	-	5	12	2	-	1	-
Bacterial	52	5	3	1	7	3	4	1	5	7	7	1	6
Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	8	-	-	-	2	-	1	-	3	1	1	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis:													
Paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonparalytic	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies:													
In Animals	149	5	6	18	29	11	17	11	15	11	12	7	7
In Humans	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever (acute)	1	-	1	-	-	-	-	-	-	-	-	-	-
Rocky Mountain spotted fever	5	-	-	-	-	-	2	2	1	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella, congenital syndrome	1	-	-	-	-	-	-	-	-	-	1	-	-
Salmonellosis	135	7	8	3	5	5	4	17	34	29	8	10	5
Scarlet fever	17	5	2	-	-	-	3	-	-	-	2	1	4
Shigellosis	116	5	1	7	4	4	1	6	21	19	15	20	13
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal pharyngitis	2,016	274	196	178	124	130	94	59	75	109	132	350	295
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic-shock syndrome	3	-	-	-	-	-	-	-	1	1	1	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	46	2	3	11	3	2	4	5	3	-	2	2	9
Tularemia	10	-	-	-	-	-	1	2	1	4	-	2	-
Typhoid fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Venereal Diseases:													
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-
Gonorrhea	1,067	91	102	128	81	79	104	72	106	79	75	79	71
Granuloma inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis	24	-	1	-	3	4	6	4	-	4	1	-	1
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-

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Technical Notes

TECHNICAL NOTES

A. SOURCES OF DATA

Vital Events

Birth and death certificates, reports of fetal deaths, and induced abortion reports are the source documents for data on vital events of South Dakota during the 1983 calendar year. A copy of each of these types of certificates is included in the Samples of Data Collection Section. Marriage and divorce data are compiled from transcripts which are received from each county.

The cut-off date for 1983 data in this report was May 15, 1984. Any data pertaining to a 1983 event for which a certificate was filed after May 15, 1984 are not included in this report. The number of records received after that date is so small that in most instances, it is of little significance for the purpose of analysis.

Events relating to South Dakota residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death records are the responsibility of the person in attendance, however the records are usually completed by medical records personnel who are not necessarly present at the delivery. Death records are the responsibility of the funeral director. These records are seldom completed by hospital personnel or physicians, although the medical certification is completed by a physician or coroner.

Population

The July 1, 1982 provisional county populations used in this publication are estimates prepared through the Federal State Cooperative Program For Local Population Estimates. The county estimates are based on an average of a regression (ratio-correlation) method and an administrative records method.

The regression method uses a multiple regression equation to relate changes in the distribution of selected data to changes in the distribution of population among counties. The selected data used in the regression method are: federal income tax returns, resident births, resident deaths, and registered motor vehicles. The administrative records method is a component method that incorporates various subsets of data to determine population estimates. The subsets include: individual federal income tax returns to measure the net intercounty migration of the non-group quarters populations under 65 years old; reported resident births and deaths to estimate net natural changes; and data on medicare enrollees to estimate the population 65 years of age and over. This method utilizes additional population data, such as, inmates of institutions, college students in dormitories, military personnel living in barracks, immigration from abroad and net movement between the military and civilian population.

The provisional population estimates are developed by averaging estimates from the regression and administrative records methods and controlling estimates to the corresponding state estimates.

The Department of Health, Center - for Health Statistics, developed population estimates by age, race and sex based on the provisional estimates and the assumption that the composition of the population has remained stable between April 1, 1980 and July 1, 1982. Using this assumption, detailed age, race and sex distributions were calculated by applying the percentage of a defined population in 1980 to the total estimated population in 1982.

B. DATA DELIMITATIONS

Quality

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates.

Medical Certification

Causes of death on death certificates and medical data on birth certificates are coded according to the ninth revision of the International Classification of Diseases (ICD). This classification is adopted by the World Health Organization and is used throughout the world for selecting the underlying cause of death and classifying the cause.

Race

The race reported on the vital records reflects the opinion of the informant and does not follow any prescribed rules for the reporting of race. This report shows tabulations for white, Indian, and other. Persons classified as other are few in South Dakota and tabulations reflecting these events are relatively meaningless.

Birth data is tabulated using the race of the mother. No attempt is made to determine the race of the child from the race shown for the father and the mother.

C. GEOGRAPHIC ALLOCATION

In South Dakota, registration of vital events is classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county in which the birth or death took place. The second, and more customary way, is by place of residence, i.e., the state or county stated to be the usual residence of the decedent in the case of deaths or of the mother in the case of a newborn.

Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and some statistical significance, residence statistics are by far the more useful tool in determining health indices for planning and evaluation purposes. The statistics provided in this report are residence data unless otherwise stated.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses very often differ from the actual geographic residence.

D. DEFINITIONS

Occurrence, Place of - Data allocated by place where the event occurred, irrespective of the person's place of residence.

Residence, Place of - Data allocated by place of residence, irrespective of where the event occurred.

Live Birth - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after separation, shows evidence of life.

Crude Birth Rate - The number of resident live births divided by the total resident population X 1,000.

Crude Death Rate - The number of resident deaths divided by the total resident population X 1,000.

Cause Specific Death Rate - The number of resident deaths due to a specific cause divided by the total resident population X 100,000.

Proportional Mortality Rate (PMR) - Sometimes called the "Mortality Ratio", is the proportion that a specified cause of mortality is in relation to all causes of mortality.

$$\frac{\text{Number of deaths from cause "A"}}{\text{Number of deaths from all causes}} \times 100$$

Infant Death - Death of a live born infant less than one year (365 days) of age. Infant deaths equal the sum of neonatal plus postneonatal deaths.

Infant Death Rate - The number of infant deaths divided by the total number of live births X 1,000.

Neonatal Death Rate - (Neonatal Death = Death occurring to infants 0 - 27 days of age). The number of neonatal deaths divided by the total number of live births X 1,000.

Postneonatal Death Rate - (Postneonatal Death = Death occurring to infants 28 days to 1 year of age). The number of postneonatal deaths divided by the total number of live births X 1,000.

Fetal Death - Death prior to the complete expulsion or extraction from its mother of a product of human conception irrespective of the duration of pregnancy, as indicated by the fact that after such expulsion or extraction the fetus does not show evidence of life. (South Dakota requires the reporting of any fetus weighing over 500 gram).

Fetal Death Rate - The number of fetal deaths divided by the total number of live births and fetal deaths X 1,000.

Samples of Data Collection Instruments

SEX

PLACE OF BIRTH

ATTENDANT

MOTHER'S RESIDENCE

ZIP CODE

RACE OF MOTHER

RACE OF FATHER

COMPLICATIONS OF PREGNANCY

CONCURRENT ILLNESSES

COMPLICATIONS OF LABOR

BIRTH INJURIES

CONGENITAL MALFORMS

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH

CERTIFICATE OF LIVE BIRTH

COUNTY FILE NUMBER

140- BIRTH NUMBER

CHILD	CHILD—NAME FIRST MIDDLE LAST 1.	SEX 2.	DATE OF BIRTH *(Mo., Day, Yr.)* 3a.	HOUR 3b. M
	HOSPITAL—NAME *(If not in hospital, give street and number)* 4a	CITY, TOWN, OR LOCATION OF BIRTH 4b	COUNTY OF BIRTH 4c	
CERTIFIER	I certify that the stated information concerning this child is true to the best of my knowledge and belief. 5a. *(Signature)* ▶	DATE SIGNED *(Mo., Day, Yr.)* 5b.	NAME AND TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER *(Type or print)* 5c.	
	CERTIFIER—NAME AND TITLE *(Type or Print)* 5d	MAILING ADDRESS *(Street or R.F.D. No., City or Town, State, Zip)* 5e		
	REGISTRAR 6a. *(Signature)* ▶	DATE RECEIVED BY REGISTRAR *(Month, Day, Year)* 6b		
MOTHER	MOTHER—MAIDEN NAME FIRST MIDDLE LAST 7a	AGE *(At time of this birth)* 7b	STATE OF BIRTH *(If not in U.S.A. name country)* 7c	
	RESIDENCE—STATE 8a	COUNTY 8b	CITY, TOWN OR LOCATION 8c	STREET AND NUMBER OF RESIDENCE 8d.
	INSIDE CITY LIMITS *(Specify yes or no)* 8e			
	MOTHER'S MAILING ADDRESS— If same as above, enter Zip Code only 9.			
FATHER	FATHER—NAME FIRST MIDDLE LAST 10a	AGE *(At time of this birth)* 10b	STATE OF BIRTH *(If not in U.S.A. name country)* 10c	
	I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. 11a. *(Signature of Parent or other informant)* ▶	RELATION TO CHILD 11b.		

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

	RACE	EDUCATION (HIGHEST GRADE COMPLETED)	
MOTHER	Specify-White, Black American Indian, etc. 12a	Elementary or Secondary (0-12) 12b	College (1-4 or 5+)
FATHER	Specify-White, Black American Indian, etc. 14a.	Elementary or Secondary (0-12) 14b.	College (1-4 or 5+)

PREGNANCY HISTORY			
LIVE BIRTHS *(Do not include this Child)*		OTHER TERMINATIONS *(Spontaneous and Induced)*	
13a. Now Living	13b. Now Dead	13d. Before 20 weeks	13e. After 20 weeks
Number____	Number____	Number____	Number____
None ☐	None ☐	None ☐	None ☐
DATE OF LAST LIVE BIRTH *(Month, Year)* 13c.		DATE OF LAST OTHER TERMINATION *(as indicated in d or e above)* *(Month, Year)* 13f.	

15. BIRTH WEIGHT

________ grams
OR
_____ lbs. _____ oz

This Birth *(Single, Twin, Triple)*
16.

IF NOT SINGLE BIRTH - Born first, second, third, etc. *(Specify)*
17.

WAS MOTHER MARRIED AT TIME OF CONCEPTION OR BIRTH?
18.

DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*
19.

MONTH OF PREGNANCY PRENATAL CARE BEGAN First, second, etc. *(Specify)*
20a.

PRENATAL VISITS Total Number *(If none, so state)*
20b.

APGAR SCORE 1 MIN. 5 MIN.
21.

COMPLICATIONS OF PREGNANCY (DESCRIBE OR WRITE NONE)
22.

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING PREGNANCY (DESCRIBE OR WRITE NONE)
23.

COMPLICATIONS OF LABOR AND/OR DELIVERY (DESCRIBE OR WRITE NONE)
24.

BIRTH INJURIES TO CHILD (DESCRIBE OR WRITE NONE)
25.

CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (DESCRIBE OR WRITE NONE)
26.

FETAL ALCOHOL SYNDROME
27. ☐ Yes ☐ No

P.K.U. TEST PERFORMED
28. ☐ Before 24 Hours ☐ After 24 Hours ☐ Not Done

HYPOTHYROID TEST PERFORMED
29. ☐ Yes ☐ No

AMNIOCENTESES PERFORMED
30. ☐ Yes ☐ No

KARYOTYPE TEST PERFORMED
31. ☐ Yes ☐ No

CAESAREAN SECTION
32. ☐ Classical ☐ Low Cervical ☐ Other

PHYSICIAN'S ESTIMATE OF GESTATION LENGTH (In Weeks)
33.

TRIMESTER MOTHER STARTED PRENATAL CLASSES DURING THIS PREGNANCY
34. ☐ 1st ☐ 2nd ☐ 3rd ☐ None

HAS 0275
Jan. 1, 1983

WHITE COPY DEPARTMENT OF HEALTH
YELLOW COPY LOCAL REGISTRAR
PINK COPY HOSPITAL OR PHYSICIAN

TYPE
OR PRINT
IN
PERMANENT
INK
FOR
INSTRUCTIONS
SEE
HANDBOOK

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH
CERTIFICATE OF DEATH

LOCAL FILE NUMBER

140 STATE FILE NUMBER

DECEDENT

DECEDENT - NAME FIRST MIDDLE LAST 1
SEX 2
DATE OF DEATH (MONTH, DAY, YEAR) 3

RACE WHITE, NEGRO, AMERICAN INDIAN, ETC. (SPECIFY) 4
AGE—LAST BIRTHDAY (YEARS) 5a
UNDER 1 YEAR MOS DAYS 5b
UNDER 1 DAY HOURS MIN 5c
DATE OF BIRTH (MONTH, DAY, YEAR) 6
COUNTY OF DEATH 7a

CITY, TOWN, OR LOCATION OF DEATH 7b
HOSPITAL OR OTHER INSTITUTION—NAME (IF NOT IN EITHER, GIVE STREET AND NUMBER) 7c
IF HOSP OR INST Indicate DOA OP/Emer Rm, Inpatient (Specify) 7d.

ZIP

STATE OF BIRTH (IF NOT IN U.S.A., NAME COUNTRY) 8
CITIZEN OF WHAT COUNTRY 9
MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (SPECIFY) 10
SURVIVING SPOUSE (IF WIFE, GIVE MAIDEN NAME) 11

SOCIAL SECURITY NUMBER 12
USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE, EVEN IF RETIRED) 13a
KIND OF BUSINESS OR INDUSTRY 13b

RESIDENCE—STATE 14a
COUNTY 14b
CITY, TOWN, OR LOCATION AND ZIP CODE 14c
INSIDE CITY LIMITS (SPECIFY YES OR NO) 14d
STREET AND NUMBER 14e

PARENTS

FATHER—NAME FIRST MIDDLE LAST 15
MOTHER—MAIDEN NAME FIRST MIDDLE LAST 16

INFORMANT—NAME 17a
MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP) 17b
WAS DECEASED A VETERAN 17c.

CAUSE OF DEATH

PART I DEATH WAS CAUSED BY [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c)]
APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH
18 IMMEDIATE CAUSE
(a)
DUE TO, OR AS A CONSEQUENCE OF
CONDITIONS, IF ANY, WHICH GAVE RISE TO IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST
(b)
DUE TO, OR AS A CONSEQUENCE OF
(c)

CAUSE

WORK

CO ACC

PLACE

LINE NO

PART II OTHER SIGNIFICANT CONDITIONS CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)
AUTOPSY (YES OR NO) 19a
WAS CASE REFERRED TO CORONER? (Specify Yes or No) 19b

ACCIDENT, SUICIDE, HOMICIDE OR UNDETERMINED (SPECIFY) 20a
DATE OF INJURY (MONTH DAY YEAR) 20b
HOUR OF INJURY 20c M
HOW INJURY OCCURRED (ENTER NATURE OF INJURY IN PART I OR PART II, ITEM 18) 20d

INJURY AT WORK (SPECIFY YES OR NO) 20e
PLACE OF INJURY AT HOME, FARM, STREET, FACTORY, OFFICE BLDG., ETC. (SPECIFY) 20f
LOCATION (County, City or Town, State) 20g

AUTOPSY

CERTIFIER

To be Completed by PHYSICIAN Only
21a To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated
(Signature and Title) ▶
DATE SIGNED (Mo. Day Yr.) 21b
HOUR OF DEATH 21c M

To be Completed by CORONER Only
22a On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place and due to the cause(s) stated
(Signature and Title) ▶
DATE SIGNED (Mo. Day Yr.) 22b
HOUR OF DEATH 22c M

NAME AND ADDRESS OF CERTIFIER (PHYSICIAN, MEDICAL EXAMINER OR CORONER) (Type or Print) 23

RTIFIER

CORONER

DISPOSITION

BURIAL, CREMATION, REMOVAL (SPECIFY) 24a
CEMETERY OR CREMATORY—*NAME* 24b
LOCATION CITY OR TOWN STATE 24c

DATE (MONTH DAY YEAR) 24d
FUNERAL HOME—*NAME AND ADDRESS* 25a
EMBALMER—*SIGNATURE & NUMBER* (IF NOT EMBALMED—LEAVE BLANK)

FUNERAL DIRECTOR—SIGNATURE AND NUMBER 25b
REGISTRAR—*SIGNATURE* 26a
DATE RECEIVED BY LOCAL REGISTRAR 26b

F.D. NUMBER

HAS-0276 REV JAN 1978

MAIL TO:
Public Health Statistics
State Dept. of Health
Foss Building
Pierre, South Dakota 57501

State of South Dakota
Department of Health

REPORT OF FETAL DEATH

State File Number

HOSPITAL—NAME (If not in hospital, give street and number) 1a.
CITY, TOWN OR LOCATION OF DELIVERY 1b.
COUNTY OF DELIVERY 1c.
DATE OF DELIVERY (Month, Day, Year) 2a.
HOUR OF DELIVERY 2b.
SEX OF FETUS 3.
WEIGHT OF FETUS 4.

FATHER

FAMILY SURNAME 5a.
AGE (At time of this delivery) 5b.
RACE—(e.g., White, Black, American Indian, etc.) (Specify) 5c.
EDUCATION (Specify only highest grade completed) Elementary or Secondary (0-12) | College (1—4 or 5+) 5d.

MOTHER

RESIDENCE—STATE 6a.
COUNTY 6b.
CITY, TOWN, ZIP 6c.
INSIDE CITY LIMITS (Specify yes or no) 6d.
AGE (At time of this delivery) 7.
RACE—(e.g., White Black, American Indian, etc. Specify) 8.
EDUCATION (Specify only highest grade completed) (Elementary or Secondary (0—12) | College (1—4 or 5+) 9.
IS MOTHER MARRIED? (Specify yes or no) 10.

PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS
11a. NOW LIVING Number ____ None ( )
11b. NOW DEAD Number ____ None ( )
DATE OF LAST LIVE BIRTH (Month, Year) 11c.

OTHER TERMINATIONS (Spontaneous and Induced)
11d. BEFORE 20 WEEKS Number ____ None ( )
11e. 20 WEEKS OR MORE Number ____ (Do not include this fetus) None ( )
DATE OF LAST OTHER TERMINATION (as indicated in d or e above) (Month, Year) 11f.

MONTH OF PREGNANCY PRENATAL CARE BEGAN First, Second, etc. (Specify) 12a.
PRENATAL VISITS Total Number (If none, so state) 12b.
THIS BIRTH—Single, twin, triplet, etc. (Specify) 13a.
IF NOT SINGLE BIRTH—Born first, second, third, etc (Specify) 13b.

CAUSE OF FETAL DEATH

PART I

14 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)

Fetal or maternal condition directly causing fetal death. (a) ____ Specify Fetal or Maternal
DUE TO, OR AS A CONSEQUENCE OF
Fetal and/or maternal conditions, if any giving rise to the immediate cause (a), stating the underlying cause last. (b) ____ Specify Fetal or Maternal
DUE TO, OR AS A CONSEQUENCE OF
(c) Specify Fetal or Maternal

PART II

OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in (a)
FETUS DIED BEFORE LABOR DURING LABOR OR DELIVERY UNKNOWN (Specify) 15.
PHYSICIAN'S ESTIMATE OF GESTATION (Weeks) 16.
AUTOPSY (Specify yes or no) 17.

COMPLICATIONS OF PREGNANCY (Describe or write "none") 18.
COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 19.
CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 20.
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none") 21.
NAME OF PHYSICIAN, ATTENDANT or CORONER (Type or print) TITLE 22a.
ADDRESS OF PHYSICIAN, ATTENDANT or CORONER 22b.

HAS0274 Rev 7/77

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH

INDUCED ABORTION REPORT

Do not write in this column	
1	PLACE OF OCCURRENCE
2	1. NAME OF HOSPITAL, CLINIC OR PHYSICIAN'S OFFICE
3	2. STATE 3. COUNTY 4. CITY
4	PATIENT INFORMATION
5	5. STATE OF RESIDENCE 6. COUNTY OF RESIDENCE
6	7. AGE
7	8. RACE OR ETHNIC GROUP
8	☐ WHITE ☐ INDIAN ☐ NEGRO ☐ OTHER (Specify)
9	MARITAL STATUS ☐ Never Married ☐ Married ☐ Widowed ☐ Divorced ☐ Unknown
10	NUMBER OF LIVING CHILDREN
11	NUMBER OF PREVIOUS INDUCED ABORTIONS
12	MEDICAL INFORMATION DATE OF ABORTION (Month, Day, Year)
13	PHYSICIAN'S ESTIMATE OF LENGTH OF GESTATION ______ WEEKS
14	WEIGHT OF FETUS ______ LBS. ______ OZ.
15	Rh FACTOR ☐ Positive ☐ Negative
16	ANTI-Rh-IMMUNE GLOBULIN GIVEN? ☐ Yes ☐ No
17	ABORTION PROCEDURE USED ☐ Suction Curettage ☐ Sharp Curettage ☐ Hysterotomy ☐ Hysterectomy ☐ Intra-uterine Saline Instillation ☐ Intra-uterine Prostaglandin Instillation ☐ Other (Specify) ______
18	FETAL ABNORMALITY ☐ Normal ☐ Abnormal (Specify) ______
19	REASON FOR ABORTION ☐ Maternal Mental Health ☐ Maternal Physical Health ☐ Probability of Congenital Deformity ☐ Rape or Incest ☐ Economic ☐ Other
20	MATERNAL COMPLICATIONS (Specify) ______
21	NAME OF PHYSICIAN
22	DATE OF REPORT (Month, Day, Year)

SOUTH Dakota
Department of Health

Office of the Secretary
523 East Capitol, Joe Foss Bldg.
Pierre, South Dakota 57501-3182
Telephone: (605)773-3361

MEMORANDUM

TO: Interested Parties

FROM: State Health Planning and Development Agency and
Center for Health Statistics

DATE: September 5, 1984

RE: Corrections for South Dakota Vital Statistics and Health Status: 1983

Please make the following corrections to the above mentioned document:

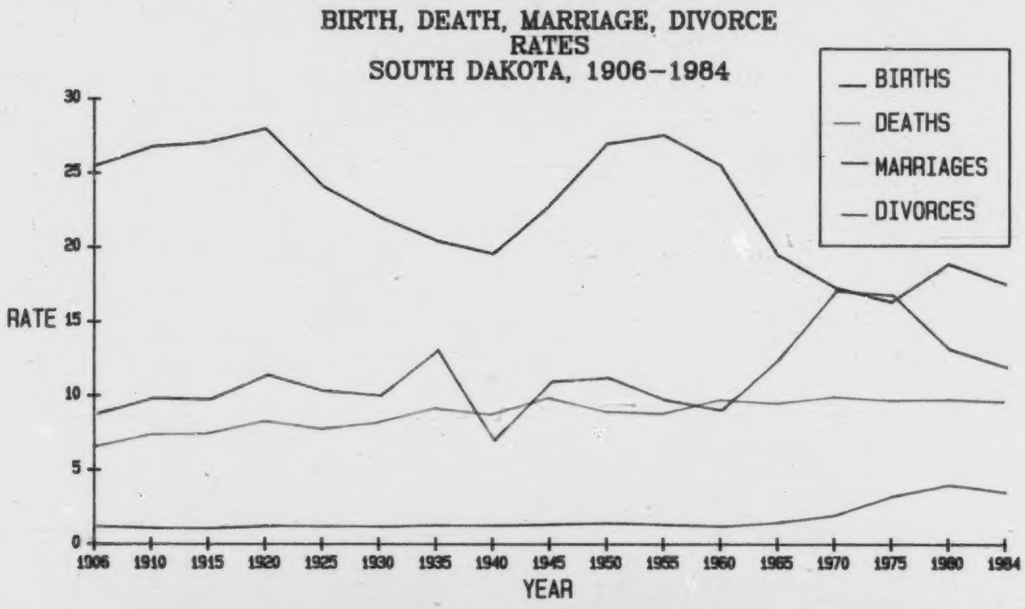
1) Page 10 - Add "12" births weighing less than 2500 grams.
2) Page 32 - Rate is figured per 1,000 population, instead of per 100,000
3) Page 33 - Delete the second "Total" and insert "Indian". The key should read: Total, White, Indian.

JS:bc

9/26/85 S7345-1-u

SOUTH DAKOTA

Vital Statistics And Health Status: 1984



BIRTH, DEATH, MARRIAGE, DIVORCE RATES
SOUTH DAKOTA, 1906-1984

SOUTH DAKOTA DEPARTMENT OF HEALTH
CENTER FOR HEALTH STATISTICS
STATE HEALTH PLANNING AND DEVELOPMENT AGENCY

STATE OF SOUTH DAKOTA

South Dakota Vital Statistics
Annual Report, 1984

Department of Health
Lawrence J. Massa
Secretary

State Center for Health Statistics
State Health Planning and Development Agency
Pierre, South Dakota 57501
August 1985

PREFACE

Vital Statistics and Health Status: 1984 was prepared by the State Health Planning and Development Agency and the State Center for Health Statistics, South Dakota Department of Health.

The report is divided into seven main sections: Overview of 1984 Vital Statistics, Live Births, Infant and Fetal Deaths, Mortality, Induced Abortions, Marriages and Divorces, and Communicable Diseases. Each section contains a written analysis plus tables and figures. There is also a technical notes section which provides additional information regarding the sources of data, data delimitations, geographic allocation, and definitions. Samples of Data Collection Instruments are provided in the last section.

If you as the reader have any suggestions concerning the report format, queries concerning the data, or requests for additional statistics please contact either of the following agencies within the South Dakota Department of Health:

State Health Planning and Development Agency
523 E. Capitol
Pierre, South Dakota 57501
Phone: (605) 773-3693

Center for Health Statistics
523 E. Capitol
Pierre, South Dakota 57501
Phone: (605) 773-3355

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Overview of 1984 Vital Statistics

TABLE 1

SELECTED HEALTH STATISTICS

Health Indicator	1984	1983	Percent Change
Births	12,431	12,521	- 0.7
Birth Rate	17.8	18.0	- 1.1
White Births	10,670	10,711	- 0.4
Indian Births	1,636	1.690	- 3.2
Other Births	124	120	+ 3.3
Out of Wedlock Births	2,031	2,024	+ 0.3
Adolescent Births (12-19 yrs.)	1,340	1,469	- 8.8
Infants Weighing under 2500 grams	631	643	- 1.9
Deaths	6,512	6,622	- 1.7
Death Rate	9.3	9.5	- 2.1
White Deaths	6,116	6,195	- 1.3
Indian Deaths	388	414	- 6.3
Other Deaths	8	13	- 38.5
Infant Deaths	124	135	- 8.1
Fetal Deaths	85	82	+ 3.7
Marriages	8,057	8,013	+ 0.5
Marriage Rate	11.5	11.5	0
Divorces and Annulments	2,498	2,556	- 2.3
Divorce Rate	3.6	3.7	- 2.7
Abortions	1,234	1,234	0
Abortion Rate	99.3	98.6	+ 0.7

TABLE 2
VITAL STATISTICS, SOUTH DAKOTA
1906-1984

	BIRTHS		DEATHS		MARRIAGES		DIVORCES		FETAL DEATHS		INFANT DEATHS		
YEAR	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	POPULATION
1984	12,431	17.8	6,512	9.3	8,057	11.5	2,498	3.6	85	6.8	124	10.0	*
1983	12,521	18.0	6,622	9.5	8,013	11.5	2,556	3.7	82	6.5	135	10.8	698,704
1982	12,839	18.6	6,588	9.5	8,353	12.1	2,564	3.7	82	6.4	131	10.2	694,394
1981	12,725	18.4	6,434	9.3	8,662	12.5	2,772	4.0	72	5.6	143	11.2	691,625
1980	13,256	19.2	6,539	9.5	8,800	12.7	2,811	4.1	92	6.9	145	10.9	690,768
1979	12,973	18.8	6,329	9.2	8,978	13.0	2,665	3.9	89	6.8	146	11.3	688,838
1978	12,203	17.6	6,480	9.4	10,638	15.4	2,449	3.5	97	7.9	163	13.4	690,213
1977	12,069	17.6	6,281	9.1	10,359	15.1	2,436	3.5	107	8.8	195	16.2	687,590
1976	11,655	17.0	6,727	9.8	10,781	15.7	2,352	3.4	99	8.4	199	17.1	685,563
1975	11,294	16.6	6,470	9.5	11,074	16.3	2,232	3.3	121	10.6	178	15.8	680,811
1974	11,175	16.4	6,577	9.7	11,928	17.5	2,015	3.0	111	9.8	219	19.6	681,386
1973	10,706	15.7	6,626	9.7	12,291	18.0	1,802	2.6	103	9.5	196	18.3	681,899
1972	10,855	16.0	7,038	10.4	12,151	17.9	1,632	2.4	138	12.6	225	20.7	680,000
1971	11,634	17.3	6,704	9.9	11,363	16.9	1,408	2.1	139	11.8	216	19.6	674,000
1970	11,717	17.6	6,547	9.8	11,034	16.6	1,357	2.0	144	12.1	228	19.5	666,257
1969	11,441	17.1	6,747	10.1	10,909	16.3	1,255	1.9	121	10.5	226	19.8	668,000
1969	11,408	17.1	6,532	9.8	10,347	15.5	1,243	1.9	145	12.6	233	20.4	669,000
1967	11,424	17.0	6,349	9.5	9,051	13.5	1,090	1.6	161	13.9	252	22.1	671,000
1966	12,534	18.4	6,576	9.6	8,517	12.5	949	1.4	165	13.0	309	24.6	683,000
1965	13,692	19.8	6,520	9.4	8,317	12.0	1,015	1.5	191	13.8	315	23.1	692,000
1964	15,627	22.3	6,599	9.4	8,055	11.5	951	1.4	188	11.9	350	22.4	701,000
1963	16,711	23.6	6,654	9.4	7,470	10.6	953	1.3	222	13.3	414	24.8	708,000
1962	17,158	24.3	6,577	9.3	6,954	9.9	871	1.2	234	13.5	434	25.3	705,000
1961	17,551	25.3	6,234	9.0	6,213	9.0	881	1.3	235	13.4	409	23.3	693,000
1960	17,594	25.8	6,616	9.7	5,789	8.5	806	1.2	223	12.5	494	28.1	683,000
1959	17,956	26.5	6,287	9.3	5,861	8.6	763	1.1	264	14.5	413	23.0	678,000
1958	17,364	25.7	6,223	9.2	5,702	8.4	641	0.9	277	15.7	455	26.2	675,000
1957	17,617	26.2	6,250	9.3	5,727	8.5	624	0.9	275	15.4	456	25.9	672,000
1956	18,021	26.9	5,953	8.9	6,128	9.2	850	1.3	277	15.1	415	23.0	669,000
1955	18,566	27.9	5,873	8.8	6,122	9.2	868	1.3	270	14.3	484	26.1	666,600
1954	18,083	27.2	5,746	8.7	6,104	9.2	959	1.4	312	17.0	466	25.8	663,800
1953	17,951	27.2	5,813	8.8	6,065	9.2	932	1.4	276	15.1	448	25.0	661,100
1952	18,256	27.7	5,844	8.9	5,964	9.1	935	1.4	225	12.2	511	28.0	658,300
1951	18,270	27.9	5,922	9.0	6,222	9.5	868	1.3	257	13.9	458	25.1	655,500
1950	17,852	27.3	5,889	9.0	6,969	10.7	924	1.4	282	15.6	470	26.3	652,740
1940	12,773	19.9	5,712	8.9	4,138	6.4	793	1.2	-	-	506	39.6	642,961
1930	15,504	22.4	5,879	8.5	6,489	9.4	734	1.1	-	-	865	55.8	693,332
1920	18,148	28.4	5,542	8.7	6,881	10.8	687	1.1	-	-	-	-	640,003
1910	16,081	27.2	6,461	7.9	5,407	9.2	511	0.9	-	-	-	-	590,499
1906	13,233	25.9	3,644	7.1	4,141	8.1	508	1.0	-	-	-	-	510,596

Rates are based on the estimated mid-year population.

Birth, Death, Marriage and Divorce rates are per 1,000 population.

Fetal Death and Infant Death rates are per 1,000 Live Births.

*No estimate made for 1984.

TABLE 3
POPULATION ESTIMATES BY COUNTY
APRIL 1, 1980 TO JULY 1, 1983

	CENSUS 4/1/80	REV. EST. 7/1/81	REV. EST. 7/1/82	REV. EST. 7/1/83
SOUTH DAKOTA	690,768	691,625	694,394	698,704
Aurora	3,628	3,626	3,550	3,540
Beadle	19,195	19,173	19,002	18,678
Bennett	3,044	3,017	3,084	3,181
Bon Homme	8,059	7,786	7,706	7,725
Brookings	24,332	24,723	24,844	24,850
Brown	36,962	37,323	37,365	36,792
Brule	5,245	5,182	5,318	5,384
Buffalo	1,795	1,781	1,618	1,679
Butte	8,372	8,429	8,374	8,271
Campbell	2,243	2,155	2,236	2,241
Charles Mix	9,680	9,594	9,656	9,617
Clark	4,894	4,752	4,758	4,952
Clay	13,689	13,689	13,638	13,712
Codington	20,885	21,111	21,745	21,854
Corson	5,196	5,538	5,438	5,300
Custer	6,000	6,093	6,235	6,356
Davison	17,820	17,738	17,585	17,729
Day	8,133	8,044	8,016	7,985
Deuel	5,289	5,268	5,330	5,224
Dewey	5,366	5,394	5,228	5,412
Douglas	4,181	4,048	3,981	3,993
Edmunds	5,159	4,980	4,900	4,926
Fall River	8,439	8,096	7,903	7,978
Faulk	3,327	3,339	3,337	3,253
Grant	9,013	8,852	9,212	9,427
Gregory	6,015	5,986	5,852	5,919
Haakon	2,794	2,708	2,790	2,826
Hamlin	5,261	5,250	5,223	5,235
Hand	4,948	4,852	4,787	4,783
Hanson	3,415	3,460	3,434	3,343
Harding	1,700	1,629	1,656	1,733
Hughes	14,220	14,473	14,489	14,508
Hutchinso	9,350	9,262	9,337	9,148
Hyde	2,069	1,983	1,915	1,995
Jackson	3,437	3,222	3,194	3,353
Jerauld	2,929	2,886	2,912	2,801
Jones	1,463	1,476	1,438	1,466
Kingsbury	6,679	6,654	6,715	6,553
Lake	10,724	10,669	10,864	10,807
Lawrence	18,339	18,497	18,699	18,924
Lincoln	13,942	13,655	13,799	14,000
Lyman	3,864	3,798	3,789	3,824
McCook	6,444	6,175	6,303	6,257
McPherson	4,027	3,925	3,977	3,877
Marshall	5,404	5,595	5,448	5,291
Meade	20,717	21,056	21,027	21,194
Mellette	2,249	2,200	2,201	2,275
Miner	3,739	3,717	3,598	3,616
Minnehaha	109,435	110,526	112,260	114,825
Moody	6,692	6,709	6,852	6,871
Pennington	70,361	71,131	73,329	73,692
Perkins	4,700	5,024	4,462	4,624
Potter	3,674	3,772	3,793	3,709
Roberts	10,911	10,862	11,008	10,929
Sanborn	3,213	3,206	3,246	3,102
Shannon	11,323	11,747	10,910	11,072
Spink	9,201	9,057	9,241	9,096
Stanley	2,533	2,488	2,320	2,427
Sully	1,990	1,958	1,914	1,856
Todd	7,328	7,135	6,871	7,237
Tripp	7,268	6,963	6,864	7,234
Turner	9,255	8,992	9,062	9,185
Union	10,938	11,083	10,853	10,769
Walworth	7,011	6,879	6,788	6,851
Yankton	18,952	19,019	18,964	19,057
Ziebach	2,308	2,215	2,151	2,381

TABLE 4

VITAL STATISTICS BY COUNTY, 1984

(BIRTHS, DEATHS, ABORTIONS AND FETAL DEATHS ARE BY COUNTY OF RESIDENCE, MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE)

	BIRTHS		DEATHS		MARRIAGES		DIVORCES		FETAL DEATHS		ABORTIONS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
SOUTH DAKOTA	12,431	17.8	6,512	9.3	8,057	11.5	2,498	3.6	85	6.8	1,234	99.3
AURORA	51	14.4	43	12.1	21	5.9	10	2.8	-	-	1	19.6
BEADLE	281	15.0	204	10.9	172	9.2	66	3.5	2	7.1	24	85.4
BENNETT	73	22.9	41	12.9	52	16.3	9	2.8	-	-	3	41.1
BON HOMME	100	12.9	91	11.8	74	9.6	10	1.3	-	-	6	60.0
BROOKINGS	376	15.1	172	6.9	208	8.4	86	3.5	1	2.7	65	172.9
BROWN	583	15.8	324	8.8	403	11.0	150	4.1	3	5.1	25	42.9
BRULE	91	16.9	48	8.9	51	9.5	15	2.8	2	22.0	6	65.9
BUFFALO	60	35.7	16	9.5	4	2.4	1	0.6	-	-	-	-
BUTTE	130	15.7	98	11.8	87	10.5	45	5.4	-	-	14	107.7
CAMPBELL	53	23.7	17	7.6	16	7.1	3	1.3	1	18.9	1	18.9
CHARLES MIX	186	19.3	108	11.2	77	8.0	14	1.5	1	5.4	4	21.5
CLARK	89	18.0	56	11.3	36	7.3	12	2.4	-	-	3	33.7
CLAY	176	12.8	68	5.0	127	9.3	33	2.4	2	11.4	41	233.0
CODINGTON	364	16.7	219	10.0	432	19.8	86	3.9	2	5.5	16	44.0
CORSON	131	24.7	30	5.7	24	4.5	11	2.1	3	22.9	3	22.9
CUSTER	107	16.8	65	10.2	83	13.1	26	4.1	2	18.7	14	130.8
DAVISON	328	18.5	184	10.4	200	11.3	53	3.0	1	3.0	26	79.3
DAY	103	12.9	103	12.9	95	11.9	15	1.9	-	-	7	68.0
DEUEL	81	15.5	69	13.2	57	10.9	10	1.9	-	-	2	24.7
DEWEY	172	31.8	47	8.7	31	5.7	9	1.7	4	23.3	10	58.1
DOUGLAS	71	17.8	42	10.5	21	5.3	4	1.0	-	-	-	-
EDMUNDS	66	13.4	72	14.6	34	6.9	10	2.0	-	-	3	45.5
FALL RIVER	112	14.0	126	15.8	111	13.9	49	6.1	1	8.9	16	142.9
FAULK	56	17.2	40	12.3	22	6.8	6	1.8	-	-	1	17.9
GRANT	160	17.0	98	10.4	181	19.2	20	2.1	1	6.2	4	25.0
GREGORY	106	17.9	79	13.3	48	8.1	13	2.2	2	18.9	5	47.2
HAAKON	56	19.8	22	7.8	13	4.6	13	4.6	1	17.9	4	71.4
HAMLIN	84	16.0	77	14.7	36	6.9	7	1.3	1	11.9	2	23.8
HAND	66	13.8	58	12.1	44	9.2	6	1.3	1	15.2	3	45.5
HANSON	50	15.0	16	4.8	10	3.0	4	1.2	1	20.0	2	40.0
HARDING	38	21.9	10	5.8	13	7.5	2	1.2	-	-	2	52.6
HUGHES	234	16.1	104	7.2	240	16.5	60	4.1	2	8.5	35	149.6
HUTCHINSON	137	15.0	136	14.9	51	5.6	6	0.7	-	-	8	58.4
HYDE	26	13.0	29	14.5	15	7.5	4	2.0	-	-	-	-
JACKSON	64	19.1	26	7.8	18	5.4	5	1.5	-	-	6	93.8
JERAULD	48	17.1	29	10.4	23	8.2	5	1.8	1	20.8	4	83.3
JONES	30	20.5	9	6.1	16	10.9	4	2.7	-	-	3	100.0
KINGSBURY	118	18.0	86	13.1	54	8.2	13	2.0	-	-	5	42.4
LAKE	162	15.0	107	9.9	87	8.1	26	2.4	-	-	11	67.9
LAWRENCE	314	16.6	124	6.6	262	13.8	93	4.9	1	3.2	77	245.2
LINCOLN	232	16.6	125	8.9	76	5.4	29	2.1	-	-	13	56.0
LYMAN	88	23.0	32	8.4	14	3.7	9	2.4	1	11.4	2	22.7
MCCOOK	79	12.6	103	16.5	48	7.7	14	2.2	-	-	4	50.6
MCPHERSON	48	12.4	52	13.4	41	10.6	5	1.3	-	-	1	20.8
MARSHALL	81	15.3	73	13.8	36	6.8	13	2.5	-	-	-	-
MEADE	400	18.9	127	6.0	170	8.0	77	3.6	2	5.0	49	122.5
MELLETTE	48	21.1	27	11.9	25	11.0	6	2.6	2	41.7	2	41.7
MINER	52	14.4	81	22.4	32	8.8	5	1.4	-	-	5	96.2
MINNEHAHA	2,034	17.7	887	7.7	1,447	12.6	595	5.2	18	8.8	254	124.9
MOODY	110	16.0	76	11.1	60	8.7	11	1.6	3	27.3	5	45.5
PENNINGTON	1,635	22.2	522	7.1	1,202	16.3	473	6.4	12	7.3	288	176.1
PERKINS	55	11.9	41	8.9	30	6.5	10	2.2	-	-	3	54.5
POTTER	59	15.9	49	13.2	28	7.5	5	1.3	-	-	2	33.9
ROBERTS	211	19.3	129	11.8	215	19.7	20	1.8	-	-	1	4.7
SANBORN	57	18.4	41	13.2	22	7.1	3	1.0	-	-	2	35.1
SHANNON	394	35.6	90	8.1	12	1.1	1	0.1	3	7.6	25	63.5
SPINK	117	12.9	107	11.8	68	7.5	18	2.0	2	17.1	7	59.8
STANLEY	53	21.8	9	3.7	20	8.2	10	4.1	-	-	5	94.3
SULLY	28	15.1	15	8.1	18	9.7	6	3.2	2	71.4	3	107.1
TODD	233	32.2	74	10.2	5	0.7	14	1.9	1	4.3	11	47.2
TRIPP	135	18.7	79	10.9	82	11.3	28	3.9	2	14.8	10	74.1
TURNER	106	11.5	120	13.1	69	7.5	21	2.3	1	9.4	5	47.2
UNION	151	14.0	96	8.9	430	39.9	34	3.2	-	-	4	26.5
WALWORTH	103	15.0	89	13.0	68	9.9	25	3.6	-	-	10	97.1
YANKTON	317	16.6	159	8.3	273	14.3	50	2.6	-	-	28	88.3
ZIEBACH	72	30.2	16	6.7	17	7.1	2	0.8	-	-	1	13.9
UNKNOWN COUNTY	-	-	-	-	-	-	-	-	-	-	32	-

BIRTH, DEATH, MARRIAGE AND DIVORCE ARE PER 1000 POPULATION. FETAL DEATHS AND ABORTIONS ARE PER 1000 LIVE BIRTHS.

Live Births

LIVE BIRTHS
AN OVERVIEW 1984

Total Resident Live Births	12,431
Birth Rate per 1,000 Population	17.8
U.S. Birth Rate per 1,000 Population	15.7
Median Birth Weight (Grams)	3,000 - 3,499
Low Weight Births	631
Low Weight Births Ratio per 1,000 Births	5.1
Mean Age of Mother	26
No Prenatal Care (Percent of Total Births)	2.4

There were 12,431 live births in South Dakota in 1984 --- for a birth rate of 17.8 (See Table 5). These numbers are down slightly from 1983, when births numbered 12,521 and the rate was 18.0. Of the babies born during 1984, 51.3 percent were male and 48.7 percent were female; 10,670 were white and 1,636 were Indian.

Women in the 20-24 age group accounted for the greatest percentage of births --- 34 percent (See Table 6). This age group was followed closely by women in the 25-29 age group, who had 33 percent of the births. Twenty-three-year-olds, as a group, accounted for the most births --- a total of 939 (See Table 7). The average age for all women having children was 26. The average age for white mothers was 26; the average age for Native American mothers was 24.

Births Out of Wedlock

Slightly over 16 percent of all births were to women who were not married (See Table 8). Again in 1984, 18, 19 and 20-year-olds comprised the largest group of women bearing children out of wedlock (28.9 percent), however the mean age for all unwed mothers was 23.

Figures 1 and 2 indicate that out of wedlock births have risen since 1960. The percentage of white out of wedlock births rose from 1.6 percent of all white births in 1960 to 9.4 percent in 1984. The number of out of wedlock births rose for Indian mothers also, going from 22.8 percent of all Native American births in 1960 to 61.8 percent in 1984.

The number of births to unwed mothers increased for all age groups in the past twenty-four years. The percentage of those unmarried, 17 and younger having children went from 17.9 percent in 1960 to 70.6 percent in 1984. For those 18 and 19, the percentage rose nearly five times, from 7.8 in 1960 to 41.2 in 1984. And for those 20-29, and 30 and over, the number of births rose 4.2 and 3.4 times, respectively.

Prenatal Care

The majority of women began prenatal care during the first trimester of their pregnancy (72.3 percent), usually in the second or third month (See Table 9). As Figure 3 indicates, 76 percent of the white mothers began prenatal care in the first trimester, as compared to 48 percent for Native American mothers. Table 10 provides detailed information on live births by county and trimester prenatal care began. Eighty-four percent of all pregnant women had 6-15 prenatal visits; 43 percent had 11-15 visits and 41 percent had 6-10 visits (See Table 11). During 1984, 2.4 percent of the women giving birth said they had received no prenatal care, which compares to 2.0 percent in 1983.

Education appears to be a factor in prenatal care visits. The more education a women has, the more likely she is to begin prenatal care in the first trimester of pregnancy (See Figure 5). Table 12 provides further information on marital status, education, race and prenatal care.

Birthweight

Table 13 shows resident births by county and birth weight in grams. Just over 34 percent of the resident births weighed between 3,000 - 3,499 grams, the second largest category was the 3,500 - 3,999 group which comprised 33 percent, of the births. Six hundred and thirty-one (631) babies, 5.1 percent, were classified as low birth weight babies, weighing under 2,500 grams (5.51 pounds or less). Table 14 details low birth weight by county and race.

Congenital Anomalies

The percentage of babies born with congenital anomalies stayed consistent from 1983 to 1984. During 1984 1.7 percent of all births were reported having congenital anomalies (See Table 15). Reported anomalies were higher among male children (58.3 percent) than among female children (41.7 percent).

Attendant at Birth

The majority (95.5 percent) of women giving birth in South Dakota were attended by a medical doctor (See Table 16). This compares to 3.1 percent of women who were attended by a midwife at the time of birth. Both these numbers are consistent with those reported in 1983: 96.2 and 3.2, respectively.

There were 12,329 babies born in South Dakota during 1984 of which 11,702 were South Dakotans (See Table 17). A total of 729 South Dakotans were born outside the boundaries of the state.

TABLE 5

BIRTHS AND BIRTH RATE BY COUNTY OF RESIDENCE, RACE AND SEX, 1984

	TOTAL		WHITE			INDIAN			OTHER		
	NUMBER	RATE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SOUTH DAKOTA	12,431	17.8	10,670	5,484	5,186	1,637	829	808	124	65	59
AURORA	51	14.41	51	32	19	-	-	-	-	-	-
BEADLE	281	15.04	280	152	128	-	-	-	1	-	1
BENNETT	73	22.95	35	18	17	38	22	16	-	-	-
BON HOMME	100	12.94	99	50	49	1	1	-	-	-	-
BROOKINGS	376	15.13	370	207	163	2	2	-	4	2	2
BROWN	583	15.85	559	306	253	22	14	8	2	1	1
BRULE	91	16.90	84	45	39	7	4	3	-	-	-
BUFFALO	60	35.74	9	7	2	51	30	21	-	-	-
BUTTE	130	15.72	128	68	60	2	1	1	-	-	-
CAMPBELL	53	23.65	53	31	22	-	-	-	-	-	-
CHARLES MIX	186	19.34	114	58	56	71	40	31	1	1	-
CLARK	89	17.97	89	42	47	-	-	-	-	-	-
CLAY	176	12.84	171	87	84	5	3	2	-	-	-
CODINGTON	364	16.66	357	170	187	6	3	3	1	-	1
CORSON	131	24.72	41	26	15	90	48	42	-	-	-
CUSTER	107	16.83	102	53	49	5	4	1	-	-	-
DAVISON	328	18.50	319	152	167	8	7	1	1	-	1
DAY	103	12.90	88	42	46	15	6	9	-	-	-
DEUEL	81	15.51	81	35	46	-	-	-	-	-	-
DEWEY	172	31.78	39	22	17	132	74	58	1	-	1
DOUGLAS	71	17.78	71	29	42	-	-	-	-	-	-
EDMUNDS	66	13.40	66	34	32	-	-	-	-	-	-
FALL RIVER	112	14.04	100	49	51	12	3	9	-	-	-
FAULK	56	17.21	56	32	24	-	-	-	-	-	-
GRANT	160	16.97	158	93	65	1	1	-	1	1	-
GREGORY	106	17.91	94	42	52	12	7	5	-	-	-
HAAKON	56	19.82	54	23	31	2	-	2	-	-	-
HAMLIN	84	16.05	83	40	43	1	-	1	-	-	-
HAND	66	13.80	65	36	29	1	-	1	-	-	-
HANSON	50	14.96	50	29	21	-	-	-	-	-	-
HARDING	38	21.93	38	22	16	-	-	-	-	-	-
HUGHES	234	16.13	201	117	84	32	18	14	1	-	1
HUTCHINSON	137	14.98	137	77	60	-	-	-	-	-	-
HYDE	26	13.03	26	16	10	-	-	-	-	-	-
JACKSON	64	19.09	32	16	16	31	15	16	1	-	1
JERAULD	48	17.14	48	22	26	-	-	-	-	-	-
JONES	30	20.46	29	16	13	1	-	1	-	-	-
KINGSBURY	118	18.01	118	50	68	-	-	-	-	-	-
LAKE	162	14.99	160	86	74	-	-	-	2	-	2
LAWRENCE	314	16.59	304	163	141	10	1	9	-	-	-
LINCOLN	232	16.57	232	122	110	-	-	-	-	-	-
LYMAN	88	23.01	52	24	28	36	13	23	-	-	-
MCCOOK	79	12.63	79	33	46	-	-	-	-	-	-
MCPHERSON	48	12.38	48	24	24	-	-	-	-	-	-
MARSHALL	81	15.31	76	41	35	5	2	3	-	-	-
MEADE	400	18.87	377	187	190	10	6	4	13	6	7
MELLETTE	48	21.10	15	9	6	33	15	18	-	-	-
MINER	52	14.38	52	25	27	-	-	-	-	-	-
MINNEHAHA	2,034	17.71	1,963	967	996	48	25	23	23	13	10
MOODY	110	16.01	100	52	48	10	3	7	-	-	-
PENNINGTON	1,635	22.19	1,383	701	682	187	86	101	65	38	27
PERKINS	55	11.89	54	33	21	1	-	1	-	-	-
POTTER	59	15.91	58	32	26	1	-	1	-	-	-
ROBERTS	211	19.31	137	77	60	74	33	41	-	-	-
SANBORN	57	18.38	57	32	25	-	-	-	-	-	-
SHANNON	394	35.59	18	12	6	373	192	181	3	1	2
SPINK	117	12.86	117	63	54	-	-	-	-	-	-
STANLEY	53	21.84	50	22	28	3	2	1	-	-	-
SULLY	28	15.09	28	13	15	-	-	-	-	-	-
TODD	233	32.20	36	18	18	197	105	92	-	-	-
TRIPP	135	18.66	109	55	54	26	14	12	-	-	-
TURNER	106	11.54	105	57	48	1	-	1	-	-	-
UNION	151	14.02	151	78	73	-	-	-	-	-	-
WALWORTH	103	15.03	91	46	45	12	5	7	-	-	-
YANKTON	317	16.63	305	156	149	8	2	6	4	2	2
ZIEBACH	72	30.24	18	10	8	54	22	32	-	-	-

CRUDE BIRTH RATE IS PER 1000 POPULATION.

TABLE 6

BIRTHS BY COUNTY OF RESIDENCE OF MOTHER BY MOTHER'S AGE, 1984

	TOTAL	AGE OF MOTHER 01-14		15-19		20-24		25-29		30-34		35-39		40-44		45+		UNK	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
SOUTH DAKOTA	12431	15	0	1325	11	4165	34	4150	33	2147	17	539	4	86	1	2	0	2	0
AURORA	51	-	-	3	6	16	31	21	41	10	20	-	-	1	2	-	-	-	-
BEADLE	281	-	-	19	7	162	36	101	36	49	17	8	3	1	0	1	0	-	-
BENNETT	73	2	3	17	23	19	26	26	36	7	10	1	1	1	1	-	-	-	-
BON HOMME	100	-	-	13	13	31	31	32	32	18	18	5	5	1	1	-	-	-	-
BROOKINGS	376	-	-	40	11	118	31	126	34	69	18	20	5	3	1	-	-	-	-
BROWN	583	-	-	60	10	189	32	213	37	98	17	21	4	2	0	-	-	-	-
BRULE	91	-	-	5	5	33	36	37	41	13	14	2	2	1	1	-	-	-	-
BUFFALO	60	-	-	13	22	17	28	21	35	4	7	3	5	2	3	-	-	-	-
BUTTE	130	1	1	22	17	38	29	40	31	20	15	8	6	1	1	-	-	-	-
CAMPBELL	53	-	-	6	11	25	47	8	15	8	15	4	8	2	4	-	-	-	-
CHARLES MIX	186	-	-	28	15	59	32	60	32	27	15	11	6	1	1	-	-	-	-
CLARK	89	-	-	9	10	31	35	26	29	18	20	5	6	-	-	-	-	-	-
CLAY	176	-	-	17	10	66	38	45	26	40	23	7	4	1	1	-	-	-	-
CODINGTON	364	-	-	35	10	128	35	132	36	48	13	19	5	2	1	-	-	-	-
CORSON	131	1	1	21	16	51	39	41	31	12	9	3	2	2	2	-	-	-	-
CUSTER	107	-	-	12	11	32	30	37	35	19	18	6	6	1	1	-	-	-	-
DAVISON	328	-	-	34	10	116	35	109	33	50	15	16	5	3	1	-	-	-	-
DAY	103	-	-	10	10	31	30	35	34	19	18	7	7	1	1	-	-	-	-
DEUEL	81	-	-	6	7	28	35	28	35	14	17	4	5	1	1	-	-	-	-
DEWEY	172	1	1	37	22	60	35	42	24	20	12	12	7	-	-	-	-	-	-
DOUGLAS	71	-	-	2	3	20	28	32	45	11	15	6	8	-	-	-	-	-	-
EDMUNDS	66	-	-	4	6	23	35	19	29	18	27	2	3	-	-	-	-	-	-
FALL RIVER	112	-	-	11	10	42	38	36	32	19	17	2	2	2	2	-	-	-	-
FAULK	56	-	-	2	4	19	34	23	41	7	13	4	7	1	2	-	-	-	-
GRANT	160	-	-	8	5	61	38	51	32	29	18	11	7	-	-	-	-	-	-
GREGORY	106	-	-	17	16	40	38	31	29	15	14	2	2	1	1	-	-	-	-
HAAKON	56	-	-	5	9	14	25	24	43	11	20	2	4	-	-	-	-	-	-
HAMLIN	84	-	-	10	12	25	30	28	33	18	21	3	4	-	-	-	-	-	-
HAND	66	-	-	2	3	25	38	25	38	10	15	4	6	-	-	-	-	-	-
HANSON	50	-	-	2	4	19	38	17	34	11	22	1	2	-	-	-	-	-	-
HARDING	38	-	-	3	8	9	24	16	42	9	24	1	3	-	-	-	-	-	-
HUGHES	234	-	-	26	11	65	28	80	34	48	21	13	6	2	1	-	-	-	-
HUTCHINSON	137	-	-	6	4	45	33	48	35	33	24	2	1	3	2	-	-	-	-
HYDE	26	-	-	5	19	2	8	11	42	5	19	3	12	-	-	-	-	-	-
JACKSON	64	-	-	5	8	29	45	15	23	12	19	2	3	-	-	-	-	1	2
JERAULD	48	-	-	1	2	15	31	16	33	8	17	5	10	2	4	1	2	-	-
JONES	30	-	-	2	7	13	43	8	27	6	20	-	-	1	3	-	-	-	-
KINGSBURY	118	-	-	7	6	51	43	37	31	21	18	2	2	-	-	-	-	-	-
LAKE	162	-	-	5	3	57	35	66	41	30	19	4	2	-	-	-	-	-	-
LAWRENCE	314	-	-	35	11	107	34	105	33	54	17	12	4	1	0	-	-	-	-
LINCOLN	232	-	-	15	6	75	32	90	39	41	18	10	4	1	0	-	-	-	-
LYMAN	88	-	-	12	14	24	27	34	39	14	16	3	3	1	1	-	-	-	-
MCCOOK	79	-	-	5	6	25	32	27	34	13	16	8	10	1	1	-	-	-	-
MCPHERSON	48	-	-	4	8	14	29	17	35	12	25	1	2	-	-	-	-	-	-
MARSHALL	81	-	-	11	14	27	33	22	27	13	16	8	10	-	-	-	-	-	-
MEADE	400	-	-	25	6	121	30	159	40	85	21	10	2	-	-	-	-	-	-
MELLETTE	48	-	-	4	8	18	38	16	33	8	17	2	4	-	-	-	-	-	-
MINER	52	-	-	5	10	20	38	12	23	11	21	3	6	1	2	-	-	-	-
MINNEHAHA	2034	3	0	160	8	605	30	776	38	386	19	91	4	13	1	-	-	-	-
MOODY	110	-	-	10	9	35	32	34	31	25	23	5	5	1	1	-	-	-	-
PENNINGTON	1635	2	0	221	14	639	39	479	29	228	14	55	3	11	1	-	-	-	-
PERKINS	55	-	-	4	7	18	33	20	36	11	20	2	4	-	-	-	-	-	-
POTTER	59	-	-	3	5	19	32	21	36	7	12	7	12	2	3	-	-	-	-
ROBERTS	211	-	-	33	16	72	34	64	30	35	17	5	2	2	1	-	-	-	-
SANBORN	57	-	-	3	5	15	26	23	40	14	25	2	4	-	-	-	-	-	-
SHANNON	394	2	1	72	18	148	38	101	26	47	12	16	4	8	2	-	-	-	-
SPINK	117	-	-	9	8	37	32	41	35	22	19	7	6	1	1	-	-	-	-
STANLEY	53	1	2	5	9	14	26	14	26	15	28	4	8	-	-	-	-	-	-
SULLY	28	-	-	2	7	9	32	13	46	3	11	1	4	-	-	-	-	-	-
TODD	233	1	0	46	20	72	31	53	23	45	19	15	6	-	-	-	-	1	0
TRIPP	135	-	-	28	21	49	36	24	18	25	19	9	7	-	-	-	-	-	-
TURNER	106	-	-	8	8	35	33	36	34	24	23	3	3	-	-	-	-	-	-
UNION	151	-	-	12	8	40	26	46	30	43	28	10	7	-	-	-	-	-	-
WALWORTH	103	1	1	16	16	29	28	30	29	23	22	4	4	-	-	-	-	-	-
YANKTON	317	-	-	30	9	108	34	115	36	49	15	13	4	2	1	-	-	-	-
ZIEBACH	72	-	-	17	24	26	36	15	21	10	14	2	3	2	3	-	-	-	-

TABLE 7

RESIDENT BIRTHS BY AGE, RACE AND MARITAL STATUS OF MOTHER, 1984

	TOTAL BIRTHS	MOTHER'S RACE AND MARITAL STATUS							
		WHITE		INDIAN		OTHER		UNKNOWN	
		MARRIED	NOT MARRIED	MARRIED	NOT MARRIED	MARRIED	NOT MARRIED	MARRIED	NOT MARRIED
ALL AGES	12431	9668	1002	625	1012	105	16	2	1
MOTHER'S AGE									
12	1	-	-	-	1	-	-	-	-
13	1	-	-	-	1	-	-	-	-
14	13	-	5	-	8	-	-	-	-
15	32	1	13	2	16	-	-	-	-
16	116	27	49	3	35	-	1	-	-
17	231	72	80	11	67	-	1	-	1
18	401	185	103	22	85	2	4	-	-
19	545	309	123	34	73	4	2	-	-
20	696	448	110	47	85	5	1	-	-
21	789	561	95	35	90	6	1	1	-
22	854	663	71	46	63	10	1	-	-
23	939	732	79	60	63	5	-	-	-
24	887	730	50	37	64	6	-	-	-
25	908	759	42	50	49	7	1	-	-
26	924	788	38	47	38	12	1	-	-
27	839	716	20	44	51	7	1	-	-
28	797	708	20	30	30	8	1	-	-
29	682	590	22	26	35	9	-	-	-
30	658	571	19	33	30	4	1	-	-
31	504	448	11	20	22	3	-	-	-
32	401	346	15	13	21	6	-	-	-
33	317	275	9	10	20	3	-	-	-
34	267	225	9	18	14	1	-	-	-
35	184	154	3	11	15	1	-	-	-
36	139	119	3	6	9	2	-	-	-
37	125	101	4	5	14	1	-	-	-
38	54	43	4	3	4	-	-	-	-
39	37	32	-	3	1	1	-	-	-
40	36	26	2	3	4	1	-	-	-
41	23	15	2	3	2	1	-	-	-
42	15	11	1	2	1	-	-	-	-
43	7	6	-	1	-	-	-	-	-
44	5	5	-	-	-	-	-	-	-
45	1	1	-	-	-	-	-	-	-
46	1	1	-	-	-	-	-	-	-
UNKNOWN AGE	2	-	-	-	1	-	-	1	-

TABLE 8

OUT OF WEDLOCK BIRTHS BY RESIDENT COUNTY AND RACE, 1984

	TOTAL BIRTHS	UNWED MOTHERS							
		TOTAL NUMBER	TOTAL RATIO	WHITE NUMBER	WHITE RATIO	INDIAN NUMBER	INDIAN RATIO	OTHER NUMBER	OTHER RATIO
SOUTH DAKOTA	12,431	2,031	163.4	1,002	96.1	1,012	618.2	17	137.1
AURORA	51	2	39.2	2	39.2	-	-	-	-
BEADLE	281	31	110.3	31	110.7	-	-	-	-
BENNETT	73	29	397.3	4	114.3	25	657.9	-	-
BON HOMME	100	8	80.0	8	80.8	-	-	-	-
BROOKINGS	376	31	82.4	29	78.4	1	500.0	1	250.0
BROWN	583	72	123.5	60	107.3	11	500.0	1	500.0
BRULE	91	12	131.9	8	95.2	4	571.4	-	-
BUFFALO	60	37	616.7	-	-	37	725.5	-	-
BUTTE	130	19	146.2	18	140.6	1	500.0	-	-
CAMPBELL	53	-	-	-	-	-	-	-	-
CHARLES MIX	186	48	258.1	5	43.9	42	591.5	1	1000.0
CLARK	89	10	112.4	10	112.4	-	-	-	-
CLAY	176	23	130.7	23	134.5	-	-	-	-
CODINGTON	364	34	93.4	29	81.2	5	833.3	-	-
CORSON	131	51	389.3	3	73.2	48	533.3	-	-
CUSTER	107	15	140.2	12	117.6	3	600.0	-	-
DAVISON	328	29	88.4	23	72.1	6	750.0	-	-
DAY	103	12	116.5	5	56.8	7	466.7	-	-
DEUEL	81	4	49.4	4	49.4	-	-	-	-
DEWEY	172	87	505.8	3	76.9	84	636.4	-	-
DOUGLAS	71	3	42.3	3	42.3	-	-	-	-
EDMUNDS	66	3	45.5	3	45.5	-	-	-	-
FALL RIVER	112	12	107.1	9	90.0	3	250.0	-	-
FAULK	56	1	17.9	1	17.9	-	-	-	-
GRANT	160	13	81.2	13	82.3	-	-	-	-
GREGORY	106	16	150.9	9	95.7	7	583.3	-	-
HAAKON	56	4	71.4	3	55.6	1	500.0	-	-
HAMLIN	84	8	95.2	8	96.4	-	-	-	-
HAND	66	3	45.5	3	46.2	-	-	-	-
HANSON	50	2	40.0	2	40.0	-	-	-	-
HARDING	38	2	52.6	2	52.6	-	-	-	-
HUGHES	234	47	200.9	25	124.4	22	687.5	-	-
HUTCHINSON	137	3	21.9	3	21.9	-	-	-	-
HYDE	26	3	115.4	3	115.4	-	-	-	-
JACKSON	64	20	312.5	3	93.8	17	548.4	-	-
JERAULD	48	1	20.8	1	20.8	-	-	-	-
JONES	30	3	100.0	3	103.4	-	-	-	-
KINGSBURY	118	12	101.7	12	101.7	-	-	-	-
LAKE	162	8	49.4	8	50.0	-	-	-	-
LAWRENCE	314	39	124.2	36	118.4	3	300.0	-	-
LINCOLN	232	10	43.1	10	43.1	-	-	-	-
LYMAN	88	26	295.5	6	115.4	20	555.6	-	-
MCCOOK	79	8	101.3	8	101.3	-	-	-	-
MCPHERSON	48	4	83.3	4	83.3	-	-	-	-
MARSHALL	81	14	172.8	10	131.6	4	800.0	-	-
MEADE	400	19	47.5	15	39.8	4	400.0	-	-
MELLETTE	48	18	375.0	1	66.7	17	515.2	-	-
MINER	52	5	96.2	5	96.2	-	-	-	-
MINNEHAHA	2,034	250	122.9	220	112.1	26	541.7	4	173.9
MOODY	110	15	136.4	11	110.0	4	400.0	-	-
PENNINGTON	1,635	292	178.6	168	121.5	115	615.0	9	138.5
PERKINS	55	1	18.2	1	18.5	-	-	-	-
POTTER	59	4	67.8	4	69.0	-	-	-	-
ROBERTS	211	62	293.8	15	109.5	47	635.1	-	-
SANBORN	57	2	35.1	2	35.1	-	-	-	-
SHANNON	394	256	649.7	1	55.6	255	683.6	-	-
SPINK	117	12	102.6	12	102.6	-	-	-	-
STANLEY	53	10	188.7	8	160.0	2	666.7	-	-
SULLY	28	1	35.7	1	35.7	-	-	-	-
TODD	233	136	583.7	3	83.3	133	675.1	-	-
TRIPP	135	26	192.6	12	110.1	14	538.5	-	-
TURNER	106	5	47.2	4	38.1	1	1000.0	-	-
UNION	151	12	79.5	12	79.5	-	-	-	-
WALWORTH	103	16	155.3	8	87.9	8	666.7	-	-
YANKTON	317	39	123.0	32	104.9	6	750.0	1	250.0
ZIEBACH	72	31	430.6	2	111.1	29	537.0	-	-

"RATIO" IS THE NUMBER OF OUT OF WEDLOCK BIRTHS FOR EACH RACE DIVIDED BY THE NUMBER OF BIRTHS FOR THAT RACE.

FIGURE 1

PERCENT OF BIRTHS OUT OF WEDLOCK
BY RACE, 1960-1984

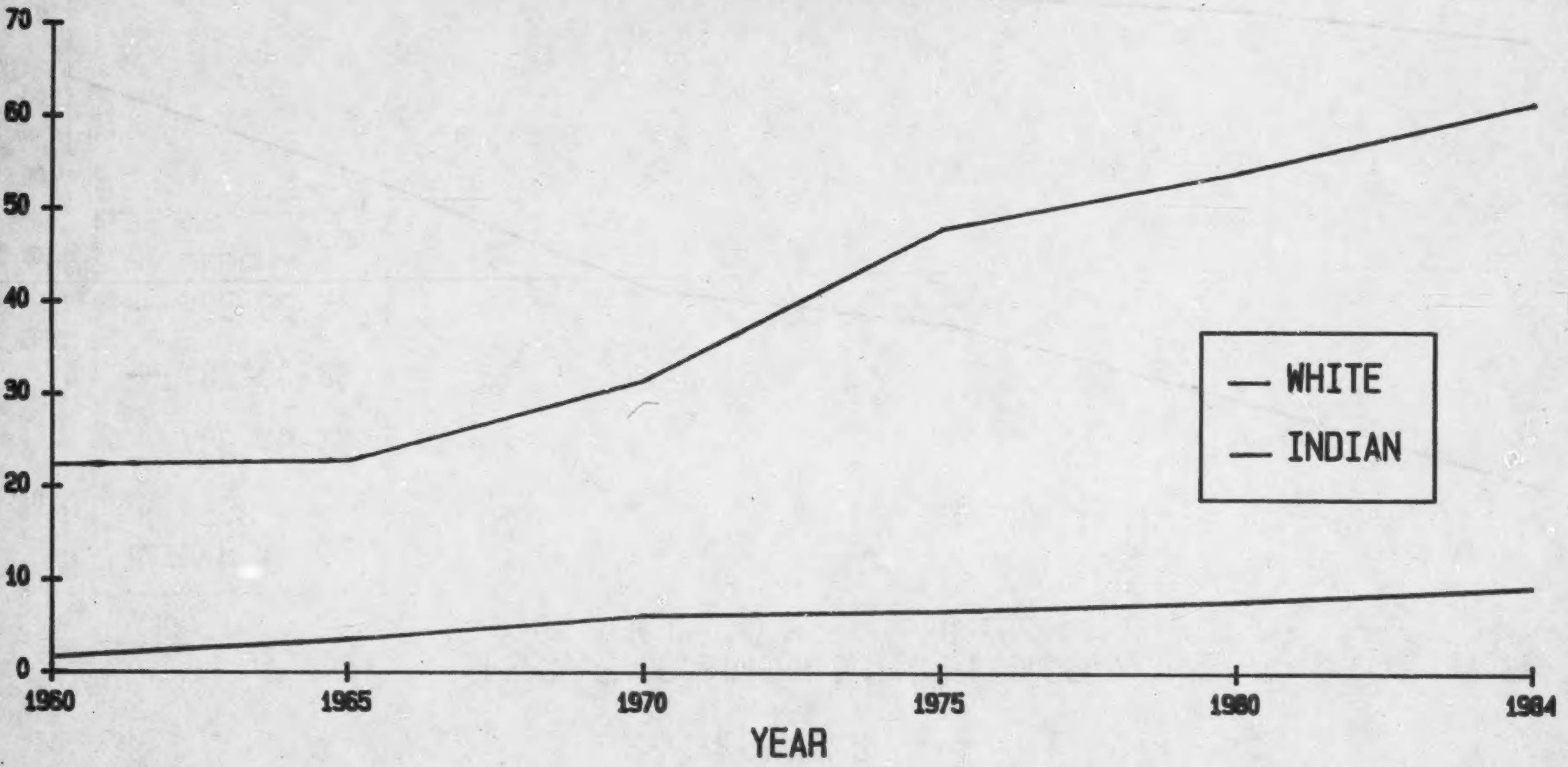

FIGURE 2

PERCENT OF BIRTHS OUT OF WEDLOCK
BY AGE OF MOTHER, 1960-1984

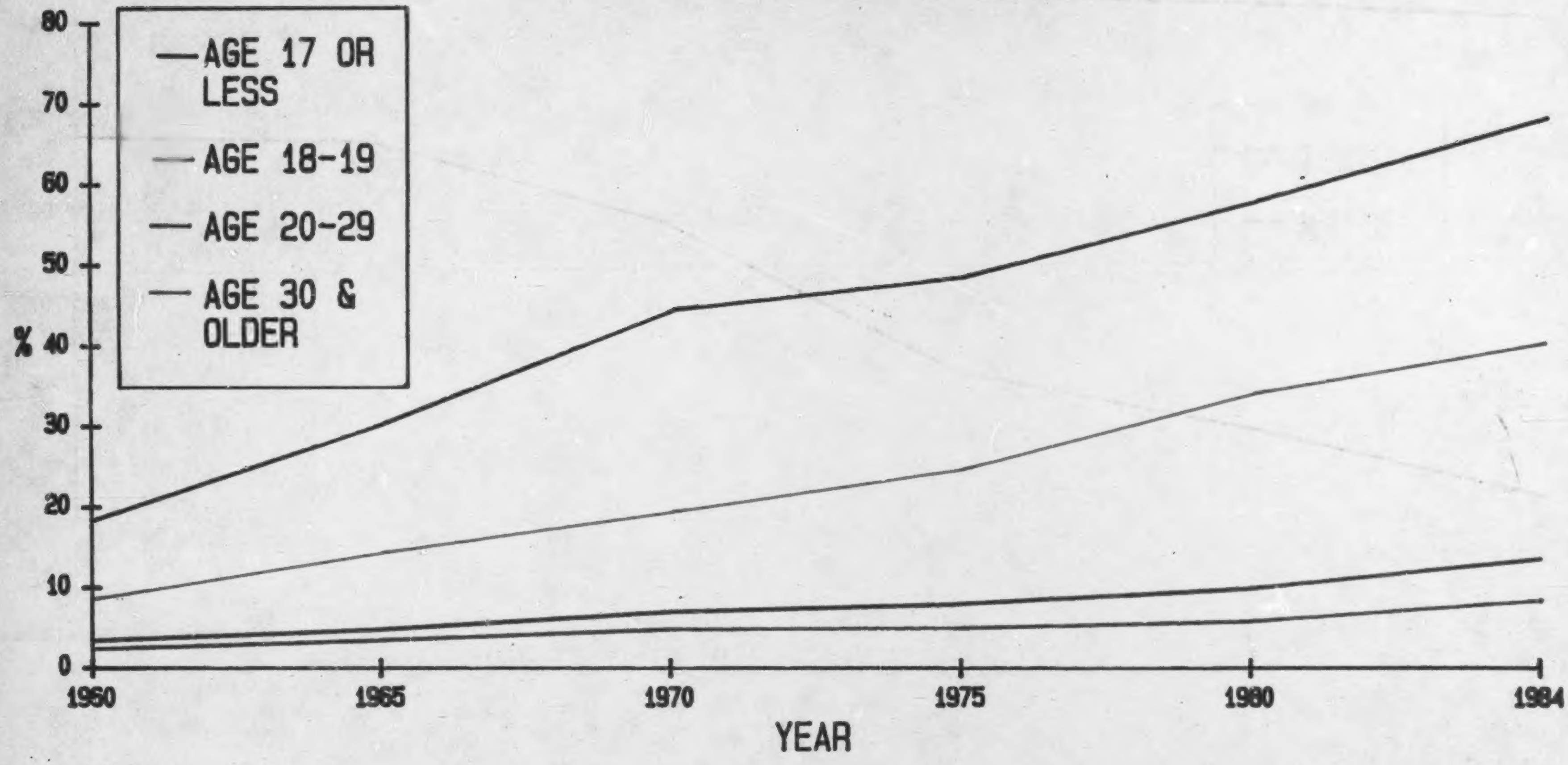

TABLE 9
LIVE BIRTHS BY AGE OF MOTHER, RACE AND MONTH PRENATAL CARE BEGAN, 1984

			MONTH PRENATAL CARE BEGAN										
		TOTAL*	NONE	1	2	3	4	5	6	7	8	9	NOT STATED
TOTAL		12300	291	776	4855	3262	1454	685	408	265	174	80	50
WHITE		10555	129	673	4459	2907	1225	559	289	164	97	30	23
INDIAN		1622	157	97	363	317	210	120	113	97	75	49	24
OTHER		123	5	6	33	38	19	6	6	4	2	1	3
TOTAL	01-14	15	2	1	2	2	3	1	2	2	-	-	-
	15-19	1316	69	50	307	308	224	139	95	55	47	13	9
	20-24	4125	92	281	1562	1092	507	247	147	90	65	25	17
	25-29	4101	76	277	1851	1100	419	160	89	57	32	24	16
	30-34	2122	32	125	913	582	224	101	59	42	24	13	7
	35-39	532	16	37	197	152	63	30	13	16	4	4	-
	40-44	85	4	5	22	26	13	7	3	2	2	1	-
	45+	2	-	-	-	-	1	-	-	1	-	-	-
	UNK	2	-	-	1	-	-	-	-	-	-	-	1
WHITE	01-14	5	-	-	1	-	2	1	-	1	-	-	-
	15-19	955	26	37	251	240	168	105	66	31	25	3	3
	20-24	3503	44	240	1416	965	422	206	96	52	44	9	9
	25-29	3657	38	244	1726	1013	371	134	65	35	13	8	10
	30-34	1909	13	115	866	533	200	86	48	28	11	8	1
	35-39	457	5	33	181	136	52	21	12	14	2	1	-
	40-44	67	3	4	18	20	9	6	2	2	2	1	-
	45+	2	-	-	-	-	1	-	-	1	-	-	-
INDIAN	01-14	10	2	1	1	2	1	-	2	1	-	-	-
	15-19	346	40	13	56	66	52	34	27	22	21	9	6
	20-24	587	46	38	134	116	81	39	50	38	21	16	8
	25-29	397	38	31	111	69	42	25	21	21	18	16	5
	30-34	195	19	10	41	46	20	12	11	13	13	5	5
	35-39	70	11	3	16	13	10	9	1	2	2	3	-
	40-44	16	1	1	3	5	4	1	1	-	-	-	-
	UNK	1	-	-	1	-	-	-	-	-	-	-	-
OTHER	15-19	15	3	-	-	2	4	-	2	2	1	1	-
	20-24	35	2	3	12	11	4	2	1	-	-	-	-
	25-29	47	-	2	14	18	6	1	3	1	1	-	1
	30-34	18	-	-	6	3	4	3	-	1	-	-	1
	35-39	5	-	1	-	3	1	-	-	-	-	-	-
	40-44	2	-	-	1	1	-	-	-	-	-	-	-
	UNK	1	-	-	-	-	-	-	-	-	-	-	1

*FOR TABULATION OF PRENATAL CARE, MULTIPLE BIRTHS HAVE BEEN CONSIDERED AS ONE PREGNANCY AND ONLY THE DATA CONCERNING THE FIRST BORN HAS BEEN INCLUDED.

FIGURE 3

TRIMESTER PRENATAL CARE BEGAN, BY RACE, 1984

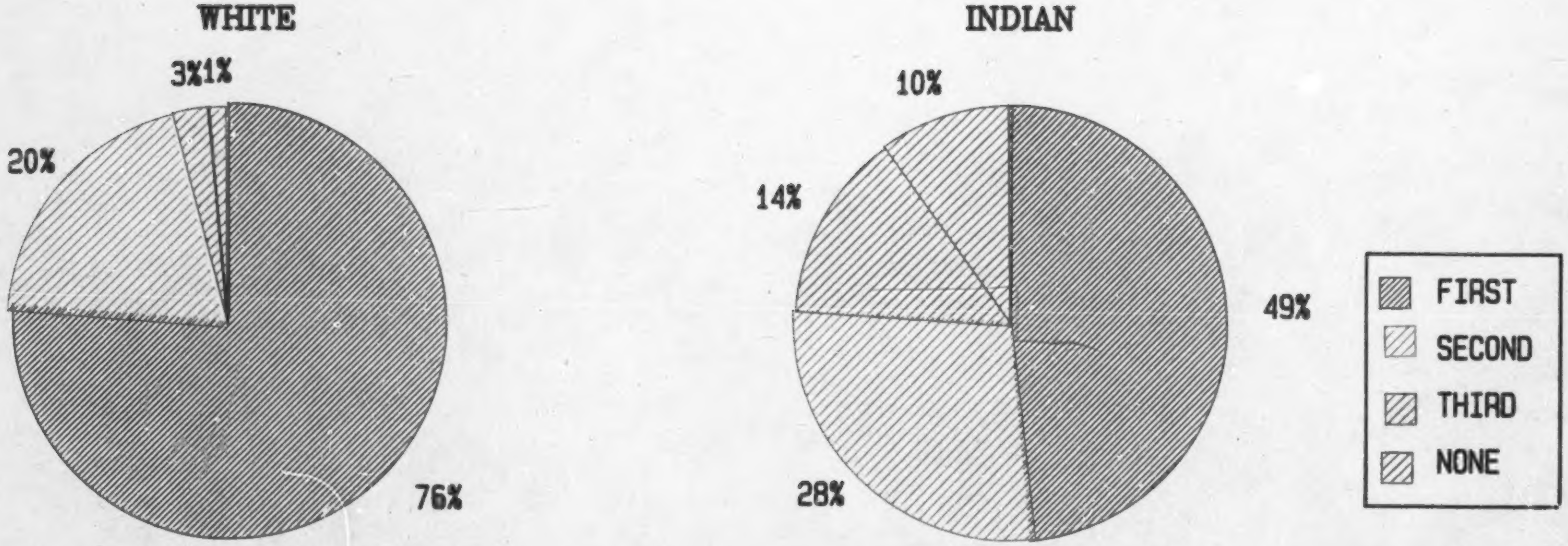

TABLE 10

TRIMESTER PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE, 1984

	TOTAL*	PRENATAL CARE									
		FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO PRENATAL CARE		NOT STATED	
	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SOUTH DAKOTA	12300	8893	72.3	2547	20.7	519	4.2	291	2.4	50	0.4
AURORA	51	46	90	5	10	-	-	-	-	-	-
BEADLE	277	195	70	74	27	7	3	-	-	1	0
BENNETT	70	38	54	17	24	7	10	6	9	2	3
BON HOMME	99	77	78	20	20	2	2	-	-	-	-
BROOKINGS	374	317	85	46	12	8	2	3	1	-	-
BROWN	577	412	71	141	24	18	3	5	1	1	0
BRULE	90	73	81	16	18	1	1	-	-	-	-
BUFFALO	60	35	58	15	25	6	10	3	5	1	2
BUTTE	129	86	67	28	22	8	6	5	4	2	2
CAMPBELL	53	37	70	14	26	2	4	-	-	-	-
CHARLES MIX	181	131	72	37	20	5	3	3	2	5	3
CLARK	88	50	57	31	35	7	8	-	-	-	-
CLAY	174	151	87	20	11	2	1	1	1	-	-
CODINGTON	359	237	66	111	31	7	2	4	1	-	-
CORSON	129	80	62	32	25	12	9	5	4	-	-
CUSTER	107	73	68	23	21	5	5	6	6	-	-
DAVISON	326	263	81	55	17	4	1	4	1	-	-
DAY	102	60	59	34	33	6	6	2	2	-	-
DEUEL	80	46	57	29	36	4	5	-	-	1	1
DEWEY	170	85	50	52	31	17	10	14	8	2	1
DOUGLAS	70	56	80	12	17	2	3	-	-	-	-
EDMUNDS	66	37	56	23	35	6	9	-	-	-	-
FALL RIVER	111	75	68	23	21	4	4	9	8	-	-
FAULK	56	33	59	18	32	5	9	-	-	-	-
GRANT	159	126	79	26	16	7	4	-	-	-	-
GREGORY	106	84	79	16	15	5	5	1	1	-	-
HAAKON	55	37	67	14	25	2	4	2	4	-	-
HAMLIN	83	47	57	30	36	5	6	1	1	-	-
HAND	66	49	74	15	23	1	2	1	2	-	-
HANSON	49	37	76	9	18	3	6	-	-	-	-
HARDING	38	28	74	9	24	-	-	1	3	-	-
HUGHES	230	148	64	63	27	15	7	3	1	1	0
HUTCHINSON	136	105	77	26	19	5	4	-	-	-	-
HYDE	26	18	69	8	31	-	-	-	-	-	-
JACKSON	64	28	44	22	34	5	8	7	11	2	3
JERAULD	47	37	79	8	17	2	4	-	-	-	-
JONES	30	22	73	7	23	-	-	1	3	-	-
KINGSBURY	118	86	73	28	24	3	3	1	1	-	-
LAKE	161	132	82	25	16	2	1	2	1	-	-
LAWRENCE	308	256	83	37	12	6	2	7	2	2	1
LINCOLN	229	198	86	26	11	2	1	3	1	-	-
LYMAN	88	73	83	8	9	3	3	4	5	-	-
MCCOOK	79	69	87	9	11	1	1	-	-	-	-
MCPHERSON	48	32	67	12	25	2	4	2	4	-	-
MARSHALL	80	51	64	22	27	6	7	1	1	-	-
MEADE	393	270	69	91	23	15	4	13	3	4	1
MELLETTE	48	32	67	12	25	2	4	2	4	-	-
MINER	52	39	75	9	17	3	6	1	2	-	-
MINNEHAHA	2012	1754	87	206	10	28	1	22	1	2	0
MOODY	109	88	81	20	18	1	1	-	-	-	-
PENNINGTON	1619	984	61	465	29	106	7	60	4	4	0
PERKINS	55	35	64	17	31	2	4	1	2	-	-
POTTER	58	46	79	12	21	-	-	-	-	-	-
ROBERTS	210	132	63	56	27	14	7	3	1	5	2
SANBORN	57	37	65	16	28	3	5	1	2	-	-
SHANNON	392	176	45	99	25	56	14	57	15	4	1
SPINK	115	79	69	28	24	6	5	2	2	-	-
STANLEY	52	33	63	15	29	4	8	-	-	-	-
SULLY	26	19	73	6	23	1	4	-	-	-	-
TODD	228	132	58	55	24	21	9	14	6	6	3
TRIPP	132	95	72	27	20	8	6	2	2	-	-
TURNER	106	92	87	13	12	1	1	-	-	-	-
UNION	149	127	85	17	11	1	1	2	1	2	1
WALWORTH	103	69	67	28	27	6	6	-	-	-	-
YANKTON	313	266	85	35	11	7	2	3	1	2	1
ZIEBACH	72	32	44	24	33	14	19	1	1	1	1

* FOR TABULATION OF PRENATAL CARE, MULTIPLE BIRTHS HAVE BEEN CONSIDERED AS ONE PREGNANCY AND ONLY THE DATA RELATIVE TO THE FIRST BORN HAS BEEN INCLUDED.

TABLE 11

PRENATAL CARE VISITS BY COUNTY OF RESIDENCE, 1984

	TOTAL BIRTHS	PRENATAL VISITS											
		NO VISITS		1-5 VISITS		6-10 VISITS		11-15 VISITS		16 OR MORE VISITS		NOT STATED	
	NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SOUTH DAKOTA	12300	296	2	1192	10	5078	41	5287	43	401	3	46	0
AURORA	51	-	-	3	6	24	47	22	43	1	2	1	2
BEADLE	277	-	-	15	5	138	50	101	36	22	8	1	0
BENNETT	70	6	9	20	29	17	24	23	33	2	3	2	3
BON HOMME	99	-	-	9	9	41	41	43	43	6	6	-	-
BROOKINGS	374	3	1	32	9	204	55	125	33	10	3	-	-
BROWN	577	5	1	43	7	226	39	277	48	24	4	2	0
BRULE	90	-	-	5	6	41	46	42	47	2	2	-	-
BUFFALO	60	3	5	22	37	26	43	8	13	-	-	1	2
BUTTE	129	6	5	21	16	71	55	28	22	2	2	1	1
CAMPBELL	53	-	-	4	8	33	62	16	30	-	-	-	-
CHARLES MIX	181	3	2	21	12	91	50	55	30	7	4	4	2
CLARK	88	-	-	16	18	53	60	17	19	2	2	-	-
CLAY	174	1	1	9	5	68	39	87	50	9	5	-	-
CODINGTON	359	4	1	41	11	223	62	84	23	7	2	-	-
CORSON	129	5	4	31	24	69	53	24	19	-	-	-	-
CUSTER	107	6	6	9	8	53	50	39	36	-	-	-	-
DAVISON	326	4	1	31	10	184	56	102	31	5	2	-	-
DAY	102	2	2	14	14	54	53	28	27	2	2	2	2
DEUEL	80	-	-	13	16	54	67	12	15	1	1	-	-
DEWEY	170	14	8	37	22	92	54	20	12	5	3	2	1
DOUGLAS	70	-	-	7	10	38	54	23	33	2	3	-	-
EDMUNDS	66	-	-	14	21	27	41	21	32	4	6	-	-
FALL RIVER	111	10	9	11	10	42	38	46	41	1	1	1	1
FAULK	56	-	-	11	20	28	50	17	30	-	-	-	-
GRANT	159	-	-	11	7	88	55	57	36	3	2	-	-
GREGORY	106	1	1	11	10	35	33	54	51	5	5	-	-
HAAKON	55	2	4	-	-	22	40	26	47	5	9	-	-
HAMLIN	83	1	1	17	20	51	61	13	16	1	1	-	-
HAND	66	1	2	7	11	24	36	29	44	5	8	-	-
HANSON	49	-	-	7	14	23	47	18	37	1	2	-	-
HARDING	38	1	3	3	8	26	68	8	21	-	-	-	-
HUGHES	230	3	1	20	9	97	42	104	45	6	3	-	-
HUTCHINSON	136	-	-	19	14	68	50	47	35	2	1	-	-
HYDE	26	-	-	4	15	15	58	7	27	-	-	-	-
JACKSON	64	8	13	15	23	24	38	16	25	1	2	-	-
JERAULD	47	-	-	4	9	14	30	26	55	3	6	-	-
JONES	30	1	3	2	7	12	40	15	50	-	-	-	-
KINGSBURY	118	1	1	18	15	63	53	33	28	3	3	-	-
LAKE	161	2	1	13	8	55	34	83	52	8	5	-	-
LAWRENCE	308	8	3	19	6	130	42	129	42	22	7	-	-
LINCOLN	229	3	1	2	1	48	21	171	75	5	2	-	-
LYMAN	88	4	5	10	11	44	50	29	33	1	1	-	-
MCCOOK	79	-	-	3	4	24	30	49	62	3	4	-	-
MCPHERSON	48	2	4	6	13	19	40	18	38	3	6	-	-
MARSHALL	80	1	1	13	16	45	56	20	25	1	1	-	-
MEADE	393	13	3	24	6	180	46	166	42	6	2	4	1
MELLETTE	48	2	4	10	21	27	56	7	15	1	2	1	2
MINER	52	1	2	9	17	27	52	15	29	-	-	-	-
MINNEHAHA	2012	22	1	59	3	420	21	1414	70	94	5	3	0
MOODY	109	-	-	6	6	41	38	55	50	7	6	-	-
PENNINGTON	1619	61	4	98	6	717	44	703	43	38	2	2	0
PERKINS	55	1	2	8	15	41	75	5	9	-	-	-	-
POTTER	58	-	-	2	3	24	41	29	50	3	5	-	-
ROBERTS	210	3	1	35	17	116	55	48	23	3	1	5	2
SANBORN	57	1	2	6	11	29	51	19	33	2	4	-	-
SHANNON	392	57	15	129	33	128	33	65	17	8	2	5	1
SPINK	115	2	2	13	11	54	47	42	37	4	3	-	-
STANLEY	52	-	-	1	2	28	54	23	44	-	-	-	-
SULLY	26	-	-	-	-	10	38	16	62	-	-	-	-
TODD	228	14	6	62	27	86	38	55	24	5	2	6	3
TRIPP	132	2	2	22	17	62	47	41	31	5	4	-	-
TURNER	106	-	-	2	2	38	36	65	61	1	1	-	-
UNION	149	2	1	6	4	49	33	84	56	6	4	2	1
WALWORTH	103	-	-	17	17	54	52	31	30	1	1	-	-
YANKTON	313	3	1	15	5	88	28	181	58	25	8	1	0
ZIEBACH	72	1	1	25	35	35	49	11	15	-	-	-	-

TABLE 12
PRENATAL CARE BY MOTHER'S RACE, MARITAL STATUS, AND EDUCATION, 1984

		TOTAL*	PRENATAL CARE									
			FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO PRENATAL CARE		NOT STATED	
		NUMBER	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL		12300	8893	72	2547	21	519	4	291	2	50	0
MOTHER'S RACE	MOTHER'S MARITAL STATUS											
WHITE	MARRIED	9566	7556	79	1706	18	201	2	87	1	16	0
	UNMARRIED	989	483	49	367	37	90	9	42	4	7	1
INDIAN	MARRIED	622	365	59	148	24	64	10	36	6	9	1
	UNMARRIED	1000	412	41	295	29	157	16	121	12	15	1
OTHER	MARRIED	106	73	69	25	24	2	2	4	4	2	2
	UNMARRIED	17	4	24	6	35	5	29	1	6	1	6
	MOTHER'S EDUCATION											
WHITE	8 YEARS OR LESS	259	98	38	112	43	43	17	5	2	1	0
	9-12 YEARS	5435	3929	72	1236	23	172	3	83	2	15	0
	13-16 YEARS	4451	3661	82	677	15	68	2	40	1	5	0
	OVER 16 YEARS	336	338	88	44	11	4	1	-	-	-	-
	UNKNOWN	24	13	54	4	17	4	17	1	4	2	8
INDIAN	8 YEARS OR LESS	115	38	33	30	26	22	19	22	19	3	3
	9-12 YEARS	1241	589	47	338	27	176	14	121	10	17	1
	13-16 YEARS	239	137	57	70	29	20	8	11	5	1	0
	OVER 16 YEARS	12	8	67	3	25	1	8	-	-	-	-
	UNKNOWN	15	5	33	2	13	2	13	3	20	3	20
OTHER	8 YEARS OR LESS	11	6	55	4	36	1	9	-	-	-	-
	9-12 YEARS	52	31	60	13	25	4	8	2	4	2	4
	13-16 YEARS	47	34	72	9	19	2	4	2	4	-	-
	OVER 16 YEARS	11	6	55	4	36	-	-	1	9	-	-
	UNKNOWN	2	-	-	1	50	-	-	-	-	1	50

* FOR TABULATION OF PRENATAL CARE, MULTIPLE BIRTHS HAVE BEEN CONSIDEREDAS ONE PREGNANCY AND ONLY THE DATA RELATIVE TO THE FIRST BORN HAS BEEN INCLUDED.

FIGURE 4

TRIMESTER PRENATAL CARE BEGAN
BY MARITAL STATUS, 1984

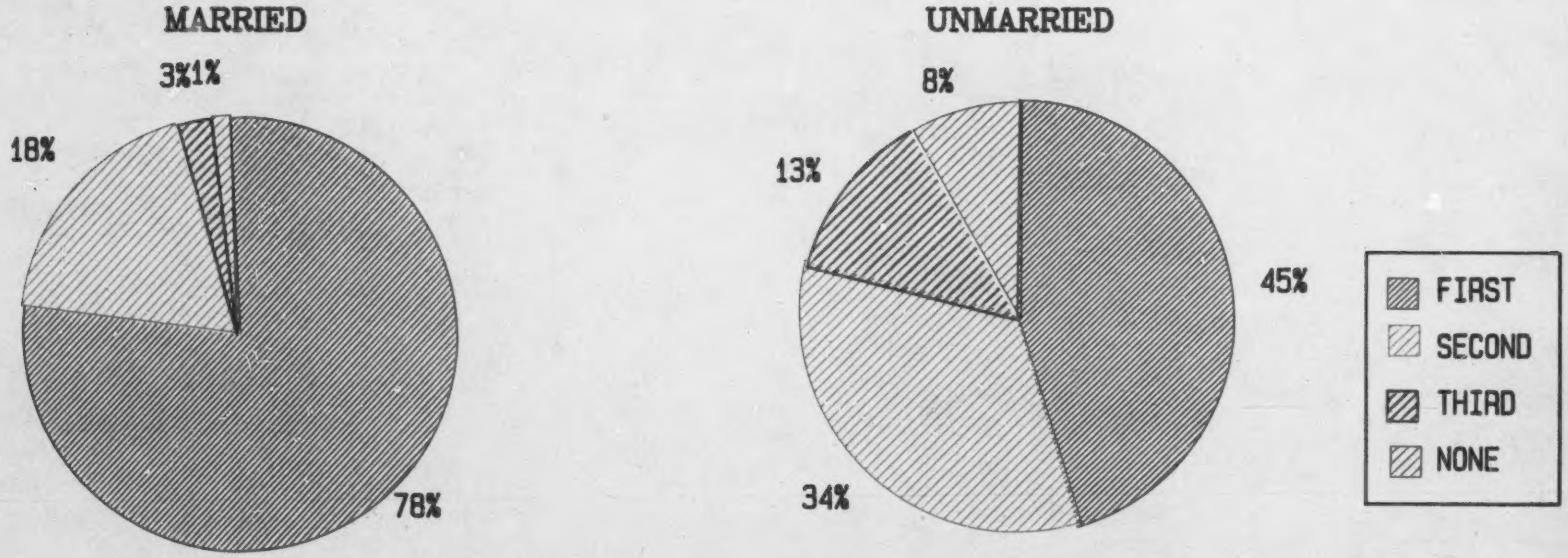

FIGURE 5

TRIMESTER PRENATAL CARE BEGAN,
BY MOTHER'S EDUCATION, 1984

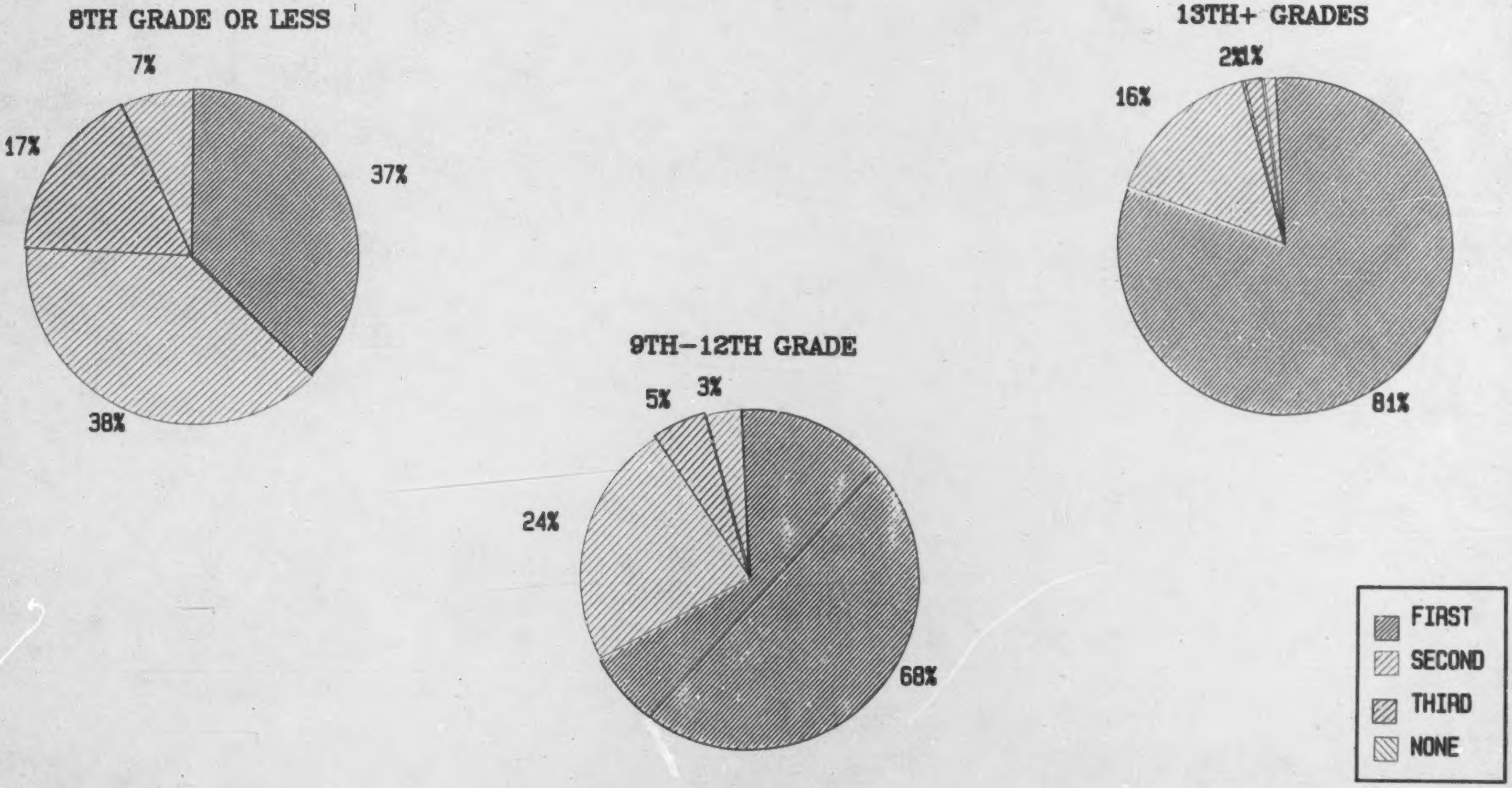

TABLE 13

BIRTHS BY COUNTY OF RESIDENCE AND BIRTH WEIGHT, 1984

	TOTAL	BIRTH WEIGHT IN GRAMS											
		499 OR LESS	500 999	1,000 1,499	1,500 1,999	2,000 2,499	2,500 2,999	3,000 3,499	3,500 3,999	4,000 4,499	4,500 4,999	5,000 OR MORE	UNK.
SOUTH DAKOTA	12431	7	44	64	117	399	1600	4280	4115	1485	285	32	3
AURORA	51	-	-	-	1	1	5	21	16	6	-	1	-
BEADLE	281	-	-	3	3	11	31	95	98	34	5	1	-
BENNETT	73	-	-	1	1	6	11	25	25	4	-	-	-
BON HOMME	100	-	-	-	1	2	12	34	34	10	7	-	-
BROOKINGS	376	1	2	-	1	6	40	117	133	62	12	2	-
BROWN	583	-	3	3	5	17	64	183	207	84	17	-	-
BRULE	91	-	-	-	1	1	9	27	43	9	1	-	-
BUFFALO	60	1	-	-	-	5	6	20	20	7	-	1	-
BUTTE	130	1	2	1	1	5	16	46	38	18	2	-	-
CAMPBELL	53	-	-	-	-	-	3	17	24	9	-	-	-
CHARLES MIX	186	-	-	-	1	6	24	60	72	19	3	1	-
CLARK	89	-	-	-	-	2	10	31	33	11	1	1	-
CLAY	176	-	-	-	3	3	24	65	59	16	6	-	-
CODINGTON	364	-	-	2	4	13	51	130	110	50	4	-	-
CORSON	131	-	1	2	1	4	16	29	61	11	4	-	2
CUSTER	107	-	1	-	1	-	19	43	31	11	1	-	-
DAVISON	328	-	1	2	1	6	32	125	108	46	5	2	-
DAY	103	-	1	-	2	4	13	33	29	18	3	-	-
DEUEL	81	-	1	-	-	1	10	30	28	6	5	-	-
DEWEY	172	-	2	1	2	6	24	55	54	21	7	-	-
DOUGLAS	71	-	-	2	1	1	7	24	25	9	2	-	-
EDMUNDS	66	-	-	-	-	2	5	29	22	4	4	-	-
FALL RIVER	112	-	-	-	3	6	21	42	26	10	4	-	-
FAULK	56	-	-	-	-	2	4	20	24	6	-	-	-
GRANT	160	-	1	1	-	5	21	50	50	26	6	-	-
GREGORY	106	-	-	1	1	4	20	41	25	11	3	-	-
HAAKON	56	-	-	-	2	2	4	19	19	8	1	-	1
HAMLIN	84	-	1	-	1	3	8	23	32	12	4	-	-
HAND	66	-	-	-	-	1	7	18	26	9	5	-	-
HANSON	50	-	-	-	-	1	5	12	18	13	1	-	-
HARDING	38	-	-	-	-	1	1	18	15	3	-	-	-
HUGHES	234	-	1	5	3	4	30	88	76	24	1	2	-
HUTCHINSON	137	-	-	1	-	5	11	47	57	16	-	-	-
HYDE	26	-	-	1	-	-	3	8	10	3	1	-	-
JACKSON	64	-	-	-	1	2	8	20	17	16	-	-	-
JERAULD	48	-	-	-	-	1	7	18	15	6	1	-	-
JONES	30	-	-	-	1	1	3	13	11	1	-	-	-
KINGSBURY	118	-	-	1	-	2	11	41	40	18	4	1	-
LAKE	162	2	2	1	-	1	26	50	50	27	3	-	-
LAWRENCE	314	-	5	3	4	10	57	120	88	21	6	-	-
LINCOLN	232	-	-	-	3	8	22	79	89	28	2	1	-
LYMAN	88	-	1	-	-	5	16	27	22	11	6	-	-
MCCOOK	79	-	-	-	-	4	5	30	28	9	2	1	-
MCPHERSON	48	-	-	1	-	2	3	13	19	8	2	-	-
MARSHALL	81	-	1	1	-	2	11	19	31	14	2	-	-
MEADE	400	-	-	4	2	14	64	131	138	39	6	2	-
MELLETTE	48	-	-	-	-	1	4	17	23	3	-	-	-
MINER	52	-	-	-	-	-	5	12	21	12	1	1	-
MINNEHAHA	2034	-	5	7	26	69	255	723	670	230	44	5	-
MOODY	110	-	-	-	1	3	18	37	29	20	2	-	-
PENNINGTON	1635	-	9	9	16	68	228	617	495	155	33	5	-
PERKINS	55	-	-	1	1	1	4	15	24	7	2	-	-
POTTER	59	1	-	1	-	3	8	17	22	4	3	-	-
ROBERTS	211	-	-	-	1	4	27	69	75	31	4	-	-
SANBORN	57	-	-	-	-	-	4	18	23	9	3	-	-
SHANNON	394	-	-	2	4	11	69	142	103	51	11	1	-
SPINK	117	-	-	-	1	4	12	42	37	18	2	1	-
STANLEY	53	-	1	1	-	5	7	19	13	7	-	-	-
SULLY	28	-	1	-	-	1	2	12	9	3	-	-	-
TODD	233	1	-	2	6	11	43	78	71	18	3	-	-
TRIPP	135	-	-	1	3	5	23	60	41	9	3	-	-
TURNER	106	-	-	-	3	5	11	34	34	15	4	-	-
UNION	151	-	1	-	-	4	17	51	57	15	6	-	-
WALWORTH	103	-	1	1	-	2	10	35	31	17	4	2	-
YANKTON	317	-	-	2	4	14	44	85	114	47	7	-	-
ZIEBACH	72	-	-	-	-	-	9	21	27	10	4	1	-

TABLE 14

LOW BIRTH WEIGHT BABIES BY COUNTY OF RESIDENCE AND RACE OF MOTHER, 1984
(UNDER 2,500 GRAMS)

	TOTAL	PERCENT	WHITE		INDIAN		OTHER	
			NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SOUTH DAKOTA	631	5.1	515	4.8	108	6.6	8	6.5
AURORA	2	3.9	2	3.9	-	-	-	-
BEADLE	17	6.0	17	6.1	-	-	-	-
BENNETT	8	11.0	2	5.7	6	15.8	-	-
BON HOMME	3	3.0	3	3.0	-	-	-	-
BROOKINGS	10	2.7	10	2.7	-	-	-	-
BROWN	28	4.8	28	5.0	-	-	-	-
BRULE	2	2.2	2	2.4	-	-	-	-
BUFFALO	6	10.0	-	-	6	11.8	-	-
BUTTE	10	7.7	10	7.8	-	-	-	-
CAMPBELL	-	-	-	-	-	-	-	-
CHARLES MIX	7	3.8	2	1.8	5	7.0	-	-
CLARK	2	2.2	2	2.2	-	-	-	-
CLAY	6	3.4	6	3.5	-	-	-	-
CODINGTON	19	5.2	19	5.3	-	-	-	-
CORSON	8	6.1	2	4.9	6	6.7	-	-
CUSTER	2	1.9	2	2.0	-	-	-	-
DAVISON	10	3.0	10	3.1	-	-	-	-
DAY	7	6.8	6	6.8	1	6.7	-	-
DEUEL	2	2.5	2	2.5	-	-	-	-
DEWEY	11	6.4	1	2.6	10	7.6	-	-
DOUGLAS	4	5.6	4	5.6	-	-	-	-
EDMUNDS	2	3.0	2	3.0	-	-	-	-
FALL RIVER	9	8.0	7	7.0	2	16.7	-	-
FAULK	2	3.6	2	3.6	-	-	-	-
GRANT	7	4.4	7	4.4	-	-	-	-
GREGORY	6	5.7	6	6.4	-	-	-	-
HAAKON	4	7.1	3	5.6	1	50.0	-	-
HAMLIN	5	6.0	5	6.0	-	-	-	-
HAND	1	1.5	1	1.5	-	-	-	-
HANSON	1	2.0	1	2.0	-	-	-	-
HARDING	1	2.6	1	2.6	-	-	-	-
HUGHES	13	5.6	11	5.5	2	6.3	-	-
HUTCHINSON	6	4.4	6	4.4	-	-	-	-
HYDE	1	3.8	1	3.8	-	-	-	-
JACKSON	3	4.7	-	-	3	9.7	-	-
JERAULD	1	2.1	1	2.1	-	-	-	-
JONES	2	6.7	2	6.9	-	-	-	-
KINGSBURY	3	2.5	3	2.5	-	-	-	-
LAKE	6	3.7	6	3.7	-	-	-	-
LAWRENCE	22	7.0	21	6.9	1	10.0	-	-
LINCOLN	11	4.7	11	4.7	-	-	-	-
LYMAN	6	6.8	2	3.8	4	11.1	-	-
MCCOOK	4	5.1	4	5.1	-	-	-	-
MCPHERSON	3	6.3	3	6.3	-	-	-	-
MARSHALL	4	4.9	4	5.3	-	-	-	-
MEADE	20	5.0	19	5.0	1	10.0	-	-
MELLETTE	1	2.1	-	-	1	3.0	-	-
MINER	-	-	-	-	-	-	-	-
MINNEHAHA	107	5.3	100	5.1	5	10.4	2	8.7
MOODY	4	3.6	4	4.0	-	-	-	-
PENNINGTON	102	6.2	83	6.0	15	8.0	4	6.2
PERKINS	3	5.5	3	5.6	-	-	-	-
POTTER	5	8.5	5	8.6	-	-	-	-
ROBERTS	5	2.4	2	1.5	3	4.1	-	-
SANBORN	-	-	-	-	-	-	-	-
SHANNON	17	4.3	-	-	17	4.6	-	-
SPINK	5	4.3	5	4.3	-	-	-	-
STANLEY	7	13.2	6	12.0	1	33.3	-	-
SULLY	2	7.1	2	7.1	-	-	-	-
TODD	20	8.6	4	11.1	16	8.1	-	-
TRIPP	9	6.7	8	7.3	1	3.8	-	-
TURNER	8	7.5	8	7.6	-	-	-	-
UNION	5	3.3	5	3.3	-	-	-	-
WALWORTH	4	3.9	4	4.4	-	-	-	-
YANKTON	20	6.3	17	5.6	1	12.5	2	50.0
ZIEBACH	-	-	-	-	-	-	-	-

TABLE 15

RESIDENT BIRTHS WITH REPORTED CONGENITAL ANOMALIES, BY RACE AND SEX, 1984

		MOTHER'S RACE					
		WHITE		INDIAN		OTHER	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL ANOMALIES	211	111	69	11	14	1	5
CONGENITAL ANOMALIES							
740-ANENCEPHALUS	2	1	-	-	-	-	1
741-SPINA BIFIDA	4	2	2	-	-	-	-
742-OTHER ANOMALIES OF NERVOUS SYSTEM	6	2	3	1	-	-	-
743-CONGENITAL ANOMALIES OF THE EYE	1	1	-	-	-	-	-
744-ANOMALIES OF EAR, FACE & NECK	8	2	2	2	2	-	-
745-BULBUS CORDIS, CARDIAC SEPTAL DEFECT	7	4	2	-	1	-	-
746-OTHER CONGENITAL ANOMALIES OF HEART	8	3	4	-	-	1	-
747-OTHER ANOMALIES - CIRCULATORY SYSTEM	3	2	-	1	-	-	-
748-ANOMALIES OF RESPIRATORY SYSTEM	1	1	-	-	-	-	-
749-CLEFT PALATE AND CLEFT LIP	26	11	10	2	-	-	3
750-ANOMALIES OF UPPER ALIMENTARY TRACT	4	-	1	2	1	-	-
751-OTHER ANOMALIES OF DIGESTIVE SYSTEM	2	2	-	-	-	-	-
752-ANOMALIES OF GENITAL ORGANS	20	18	-	1	1	-	-
753-ANOMALIES OF URINARY SYSTEM	5	4	1	-	-	-	-
754-CERTAIN MUSCULOSKELETAL DEFORMITIES	35	20	12	-	2	-	1
755-OTHER CONGENITAL ANOMALIES OF LIMBS	38	17	16	1	4	-	-
756-OTHER MUSCULOSKELETAL ANOMALIES	12	6	5	-	1	-	-
757-ANOMALIES OF THE INTEGUMENT	10	6	3	-	1	-	-
758-CHROMOSOMAL ANOMALIES	17	8	8	-	1	-	-
759-OTHER AND USPECIFIED ANOMALIES	2	1	-	1	-	-	-

NUMBER PRECEEDING THE ANOMALLY IS THE I.C.D. 9 CODE NUMBER.

TABLE 16

BIRTHS BY COUNTY OF OCCURRENCE AND ATTENDANT AT BIRTH, 1984

		ATTENDANT AT BIRTH			
	TOTAL	MD DO	MID WIFE	OTHER MEDICAL	OTHER NON MEDICAL
SOUTH DAKOTA	12329	11874	385	11	59
BEADLE	393	392	-	-	1
BENNETT	39	38	-	-	1
BON HOMME	52	52	-	-	-
BROOKINGS	358	357	-	-	1
BROWN	814	814	-	-	-
BRULE	140	140	-	-	-
BUTTE	113	112	-	1	-
CHARLES MIX	163	163	-	-	-
CLAY	81	81	-	-	-
CODINGTON	649	649	-	-	-
CORSON	1	-	-	-	1
CUSTER	71	71	-	-	-
DAVISON	540	538	-	1	1
DAY	30	29	-	1	-
DEUEL	28	28	-	-	-
DEWEY	121	117	-	1	3
DOUGLAS	41	40	-	-	1
EDMUNDS	51	51	-	-	-
FALL RIVER	76	72	-	-	4
FAULK	22	22	-	-	-
GRANT	76	76	-	-	-
GREGORY	121	121	-	-	-
HAAKON	46	46	-	-	-
HAMLIN	7	7	-	-	-
HAND	55	55	-	-	-
HANSON	1	-	-	-	1
HUGHES	410	410	-	-	-
HUTCHINSON	152	152	-	-	-
JERAULD	47	4	43	-	-
JONES	1	-	-	-	1
KINGSBURY	90	90	-	-	-
LAKE	139	139	-	-	-
LAWRENCE	384	383	-	-	1
LINCOLN	22	20	-	-	2
MCPHERSON	41	40	-	-	1
MARSHALL	21	21	-	-	-
MEADE	643	552	89	-	2
MELLETTE	2	-	-	2	-
MINNEHAHA	2781	2755	-	1	25
MOODY	39	39	-	-	-
PENNINGTON	1542	1532	-	-	10
PERKINS	1	1	-	-	-
POTTER	85	84	-	1	-
ROBERTS	140	139	-	-	1
SHANNON	389	297	91	1	-
SPINK	29	29	-	-	-
TODD	170	7	162	1	-
TRIPP	119	119	-	-	-
TURNER	43	43	-	-	-
WALWORTH	148	146	-	1	1
YANKTON	802	801	-	-	1

TABLE 17

BIRTHS BY STATE OF OCCURRENCE AND STATE OF MOTHER'S RESIDENCE, 1984

	BIRTHS IN S.D. BY MOTHER'S RES.				RES. BIRTHS BY ST. OF OCCURRENCE			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
TOTAL	12,329	10,701	1,503	125	12,431	10,670	1,637	124
ALABAMA	-	-	-	-	1	-	1	-
ARIZONA	3	1	2	-	-	-	-	-
CALIFORNIA	-	-	-	-	4	4	-	-
COLORADO	2	2	-	-	15	15	-	-
GEORGIA	1	1	-	-	1	1	-	-
IDAHO	-	-	-	-	1	1	-	-
ILLINOIS	3	1	1	1	1	1	-	-
INDIANA	1	-	1	-	-	-	-	-
IOWA	83	82	-	1	129	129	-	-
KANSAS	-	-	-	-	1	1	-	-
MINNESOTA	125	118	7	-	186	176	10	-
MISSOURI	1	1	-	-	-	-	-	-
MONTANA	23	22	1	-	2	2	-	-
NEBRASKA	251	221	30	-	130	61	68	1
NORTH DAKOTA	52	50	2	-	239	139	100	-
PENNSYLVANIA	-	-	-	-	1	1	-	-
SOUTH DAKOTA	11,702	10,123	1,456	123	11,702	10,123	1,456	123
TENNESSEE	-	-	-	-	1	1	-	-
TEXAS	-	-	-	-	5	4	1	-
UTAH	1	-	1	-	2	2	-	-
WASHINGTON	1	1	-	-	3	3	-	-
WISCONSIN	1	1	-	-	-	-	-	-
WYOMING	79	77	2	-	7	6	1	-

TABLE 1B
SOUTH DAKOTA RESIDENT PREGNANCIES*
BY COUNTY OF RESIDENCE AND MOTHER'S AGE, 1984

	TOTAL	AGE OF MOTHER								
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OLDER	UNKNOWN
TOTAL	13628	22	1717	4570	4343	2269	588	105	5	9
AURORA	52	-	3	16	21	10	-	2	-	-
BEADLE	303	-	28	109	106	49	9	1	1	-
BENNETT	73	2	18	20	25	6	1	1	-	-
BON HOMME	105	-	16	31	33	18	5	2	-	-
BROOKINGS	440	1	57	150	134	75	20	3	-	-
BROWN	606	-	70	197	216	100	20	3	-	-
BRULE	98	1	7	34	39	13	2	2	-	-
BUFFALO	60	-	13	17	21	4	3	2	-	-
BUTTE	143	2	25	43	41	23	8	1	-	-
CAMPBELL	55	-	7	25	9	8	4	2	-	-
CHARLES MIX	186	-	29	59	58	26	12	2	-	-
CLARK	91	-	9	34	25	18	5	-	-	-
CLAY	217	-	30	84	52	42	8	1	-	-
CODINGTON	378	-	42	132	132	50	19	3	-	-
CORSON	135	1	21	54	41	12	4	2	-	-
CUSTER	123	-	17	37	40	21	7	1	-	-
DAVISON	353	-	38	124	111	56	19	4	-	1
DAY	109	-	16	31	36	18	7	1	-	-
DEUEL	82	-	8	27	28	14	4	1	-	-
DEWEY	184	1	38	64	46	24	11	-	-	-
DOUGLAS	70	-	2	20	31	11	6	-	-	-
EDMUNDS	69	-	4	23	22	18	2	-	-	-
FALL RIVER	128	-	17	45	37	20	6	3	-	-
FAULK	57	-	2	20	23	7	4	1	-	-
GRANT	164	1	8	64	51	29	11	-	-	-
GREGORY	113	-	19	43	33	15	2	1	-	-
HAAKON	60	-	5	17	24	12	2	-	-	-
HAMLIN	86	-	11	25	29	18	3	-	-	-
HAND	70	-	2	26	27	11	4	-	-	-
HANSON	52	-	3	20	17	11	1	-	-	-
HARDING	40	-	3	10	16	9	2	-	-	-
HUGHES	267	-	38	77	86	50	14	2	-	-
HUTCHINSON	144	-	10	46	49	34	2	3	-	-
HYDE	26	-	5	2	11	5	3	-	-	-
JACKSON	70	-	7	31	15	12	3	-	-	2
JERAULD	52	-	3	15	17	8	6	2	1	-
JONES	33	-	2	15	8	7	-	1	-	-
KINGSBURY	123	-	9	52	39	21	2	-	-	-
LAKE	172	-	10	57	69	31	5	-	-	-
LAWRENCE	386	-	63	124	116	68	13	2	-	-
LINCOLN	242	-	20	78	90	42	10	2	-	-
LYMAN	91	-	12	25	35	14	4	1	-	-
MCCOOK	83	-	5	29	27	13	8	1	-	-
MCPHERSON	49	-	4	14	18	12	1	-	-	-
MARSHALL	80	-	11	27	22	13	7	-	-	-
MEADE	444	1	45	126	168	89	13	2	-	-
MELLETTE	53	-	5	20	17	9	2	-	-	-
MINER	57	-	6	20	14	12	3	1	-	1
MINNEHAHA	2284	3	231	703	816	417	100	14	-	-
MOODY	117	-	12	38	36	25	5	1	-	-
PENNINGTON	1919	3	315	742	521	257	66	13	-	2
PERKINS	59	-	4	19	22	12	2	-	-	-
POTTER	60	-	4	19	21	7	7	2	-	-
ROBERTS	212	-	34	72	65	34	5	2	-	-
SANBORN	59	-	3	15	25	14	2	-	-	-
SHANNON	420	2	76	156	110	48	19	9	-	-
SPINK	124	-	13	38	41	24	7	1	-	-
STANLEY	57	1	7	15	15	16	3	-	-	-
SULLY	31	-	3	9	14	3	1	1	-	-
TODD	244	1	51	72	57	43	18	1	-	1
TRIPP	144	-	34	52	24	25	9	-	-	-
TURNER	112	1	12	35	37	24	3	-	-	-
UNION	153	-	13	41	45	43	11	-	-	-
WALWORTH	113	1	20	33	30	23	6	-	-	-
YANKTON	341	-	38	117	117	52	14	3	-	-
ZIEBACH	73	-	17	26	15	10	2	2	1	-
UNKNOWN	32	-	7	9	7	4	1	-	2	2

*PREGNANCIES INCLUDE LIVE BIRTHS, FETAL DEATHS AND INDUCED ABORTIONS:

Infant and Fetal Deaths

INFANT AND FETAL DEATHS
AN OVERVIEW: 1984

Total Fetal Deaths	85
Fetal Death Rate Per 1.000 Live Births	6.8
Infant Deaths	124
Infant Death Rate Per 1,000 Live Births	10.0
Neonatal Deaths	68
Neonatal Death Rate Per 1,000 Live Births	5.5
Postneonatal Deaths	56
Postneonatal Death Rate Per 1,000 Live Births	4.5
Maternal Deaths	0

Infant Deaths

During 1984 there were 124 infant deaths in South Dakota, a decrease from 1983 when there were 135. During the 1970-1984 time period, the South Dakota and national infant death rates have followed a similar declining pattern as portrayed in Figure 6. The infant death rate for the United States has declined from 20.0 infant deaths per 1,000 births in 1970 to an estimated rate of 10.6 in 1984. The infant death rate for South Dakota has declined over 48 percent since 1970, from 19.5 to 10.0. Since 1978, the South Dakota infant death rate has consistently been below the United States infant death rate.

Figure 7 displays the 1974-1984 South Dakota infant death rates by race. The highest white infant death rate was 17.9 in 1974, while the highest Indian infant death rate was 36.2 in 1975. The 1984 white infant death rate was 8.8 with 94 white infant deaths, in 1983 the rate was 8.2. There were 17.1 Indian infant deaths per 1,000 births in 1984 (28 deaths) --- a considerable decrease from the 1983 rate of 27.2 and 46 deaths.

Neonatal Deaths

In 1984, 67 (54 percent) of all resident infant deaths were neonatal deaths, or occurred within the first 27 days of life.

Figure 8 provides information on neonatal deaths per 1,000 births by race. During 1984 South Dakota had a white neonatal death rate of 5.1 and an Indian neonatal death rate of 7.3. The 1974 white neonatal death rate of 13.2 was 2.6 times higher than the white neonatal death rate of 5.1 in 1984. The Indian neonatal death rate in 1974 of 18.6 was 2.5 times higher than the 1984 Indian neonatal death rate of 7.3.

In 1984, 57.4 percent of all white infant deaths and 42.9 percent of all Indian infant deaths occurred during the neonatal period.

Postneonatal Deaths

The rate for postneonatal deaths (deaths occuring to infants 28 days to 1 year of age) fluctuates from year to year for both races as indicated in Figure 9.

In 1984, 42.6 percent of white infant deaths were postneonatal, for a rate of 3.7. Postneonatal deaths accounted for 57 percent of all Indian infant deaths, a rate of 9.8.

During the 1974-1984 time period the lowest rate for white postneonatal deaths was 1.9 in 1982 while the lowest for Indian postneonatal death rates was 9.8 in 1981 and 1984. The highest white postneonatal death rate was 4.6 in 1971 and the highest Indian postneonatal death rate was 18.5 in 1979.

Forty percent of South Dakota's 124 infant deaths in 1984 occurred to residents of Minnehaha, Pennington, Shannon, and Todd counties (Table 19).

Leading Causes of Infant Deaths

The vast majority of infant deaths during 1984 were attributable to three major causes: congenital anomalies, 31 deaths; sudden infant death syndrome, 25 deaths; and other conditions in the perinatal periods, 21 deaths (See Table 20). These three causes involved 77 infants or 62.1 percent of all South Dakota resident infant deaths.

Fetal Deaths

In 1984, 85 resident fetal deaths were reported in South Dakota. The overall fetal death rate was 6.8. The risk of fetal death was highest in cases involving women in the age groups 35-39 and 40-44. The rate for these age groups were, respectively, 12.8 and 11.5 fetal deaths per 1,000 live births (See Table 21). The rate associated with white fetuses was 6.5 while the corresponding rate for the Indian fetuses was 7.9.

FIGURE 6

INFANT DEATH RATES U.S. AND S.D.
1970–1984
(RATES PER 1000 LIVE BIRTHS)

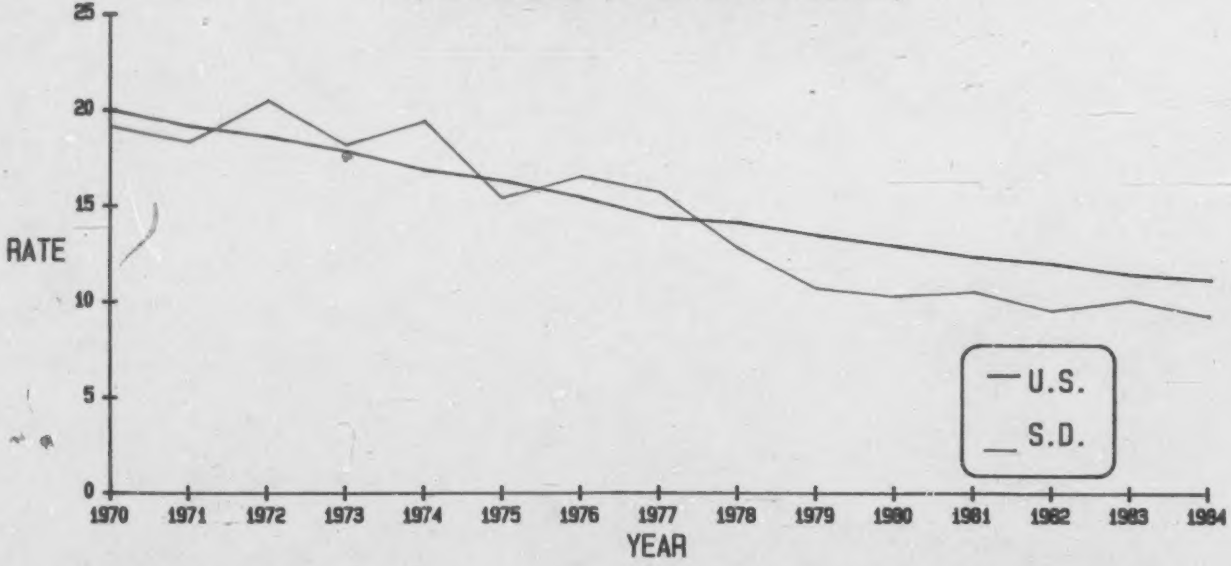

FIGURE 7

INFANT DEATH RATES, BY RACE 1974–1984 (RATES PER 1000 LIVE BIRTHS)

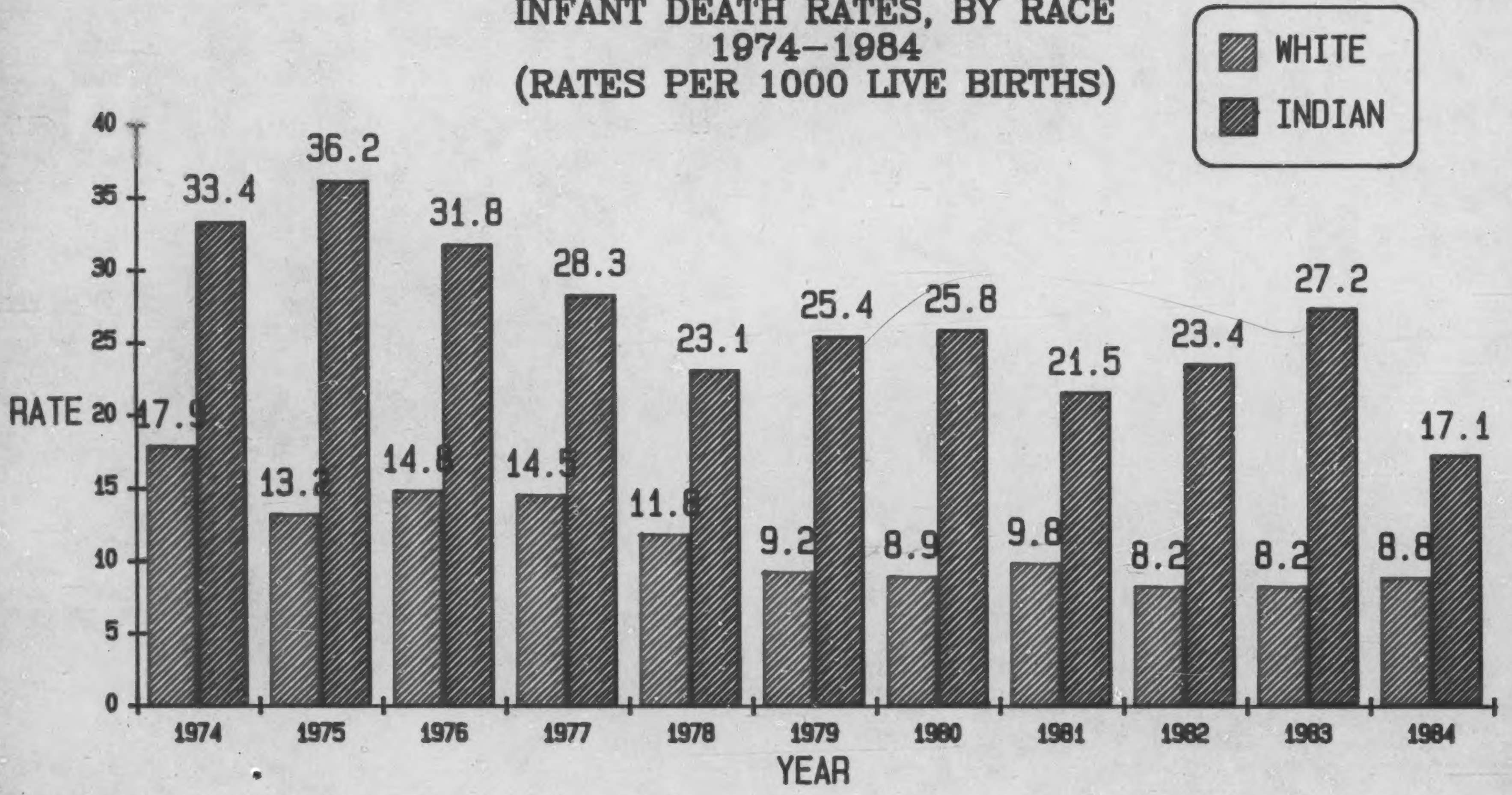

FIGURE 8

NEONATAL DEATH RATES, BY RACE
1974–1984
(RATES PER 1000 LIVE BIRTHS)

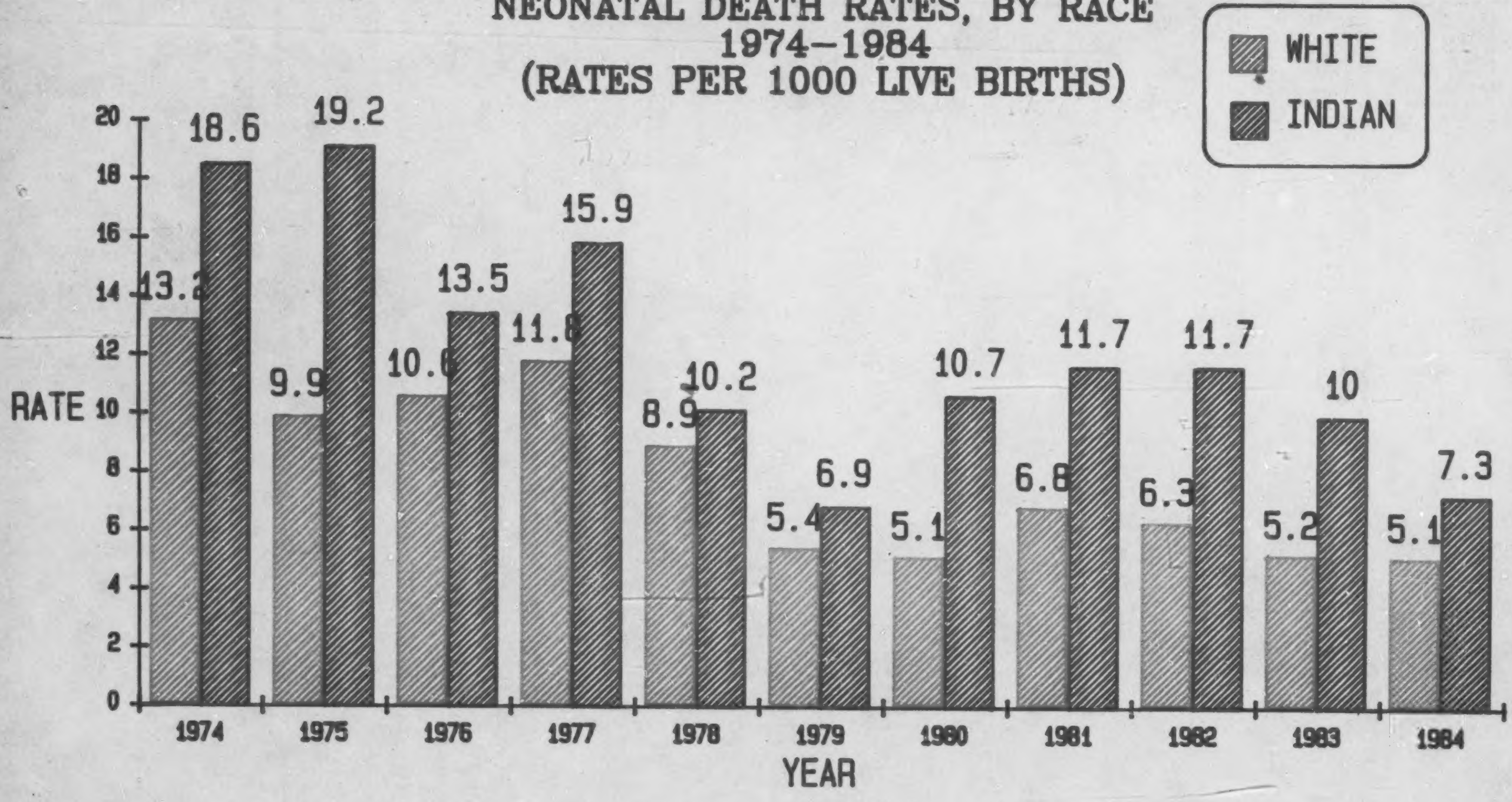

FIGURE 9

POSTNEONATAL DEATH RATES BY RACE, 1974–1984 (RATES PER 1000 LIVE BIRTHS)

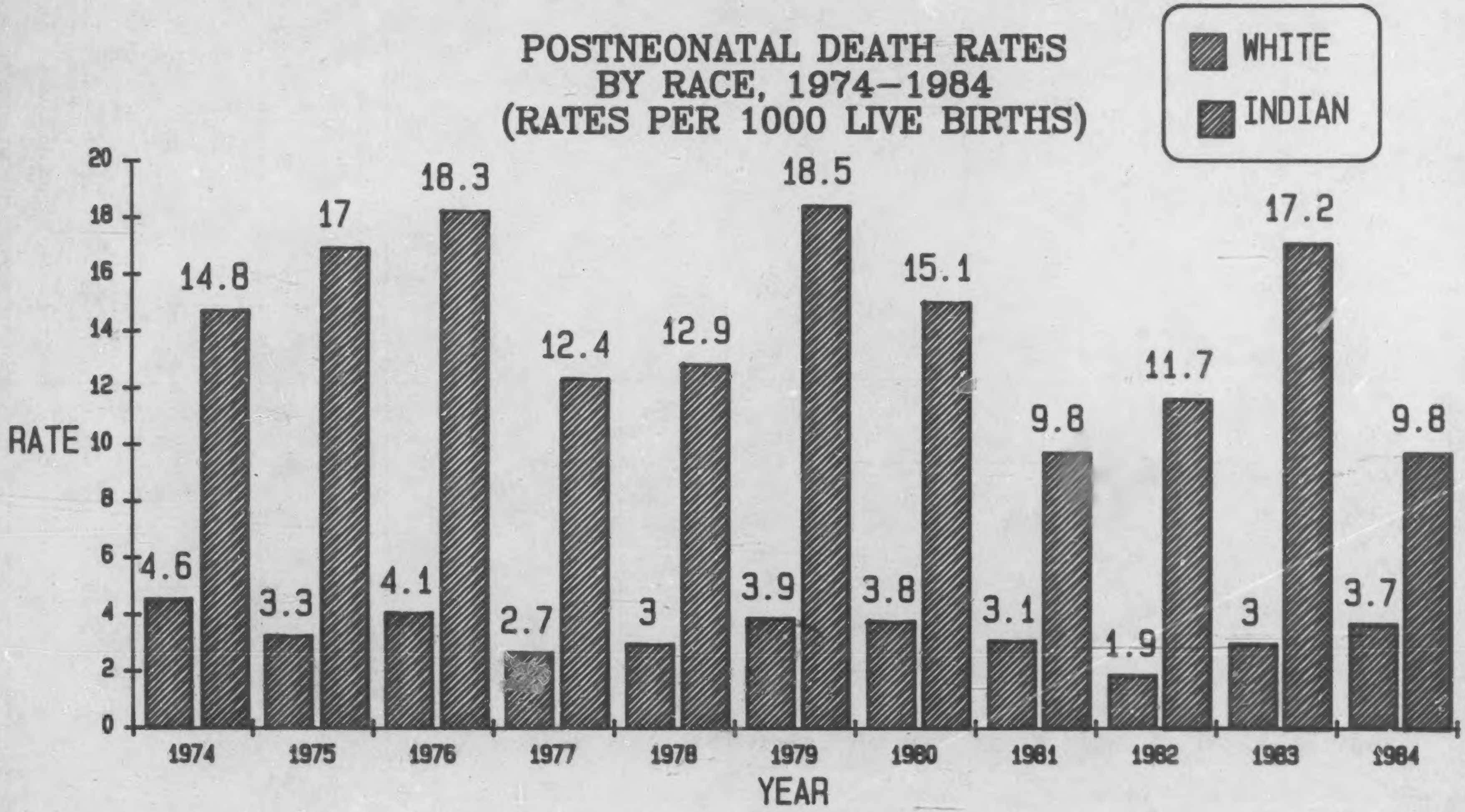

TABLE 19

INFANT AND NEONATAL DEATHS BY COUNTY OF MOTHER'S RESIDENCE AND RACE, 1984

	INFANT DEATHS	INFANT DEATHS			NEONATAL			POSTNEONATAL		
	TOTAL	WHITE	INDIAN	OTHER	WHITE	INDIAN	OTHER	WHITE	INDIAN	OTHER
SOUTH DAKOTA	124	94	28	2	53	12	2	41	16	-
AURORA	1	1	-	-	-	-	-	1	-	-
BEADLE	3	3	-	-	1	-	-	2	-	-
BENNETT	1	1	-	-	1	-	-	-	-	-
BON HOMME	1	1	-	-	1	-	-	-	-	-
BROOKINGS	1	1	-	-	-	-	-	1	-	-
BROWN	5	5	-	-	3	-	-	2	-	-
BRULE	2	2	-	-	1	-	-	1	-	-
BUFFALO	1	-	1	-	-	1	-	-	-	-
BUTTE	3	3	-	-	2	-	-	1	-	-
CLARK	2	2	-	-	1	-	-	1	-	-
CODINGTON	4	4	-	-	2	-	-	2	-	-
CORSON	1	-	1	-	-	1	-	-	-	-
CUSTER	2	1	1	-	1	1	-	-	-	-
DAVISON	4	4	-	-	2	-	-	2	-	-
DAY	1	1	-	-	1	-	-	-	-	-
DEWEY	5	1	4	-	1	3	-	-	1	-
DOUGLAS	1	1	-	-	1	-	-	-	-	-
FALL RIVER	1	1	-	-	1	-	-	-	-	-
GREGORY	1	1	-	-	1	-	-	-	-	-
HUGHES	1	1	-	-	-	-	-	1	-	-
HUTCHINSON	1	1	-	-	1	-	-	-	-	-
JACKSON	1	1	-	-	1	-	-	-	-	-
LAKE	3	3	-	-	3	-	-	-	-	-
LAWRENCE	2	2	-	-	1	-	-	1	-	-
LYMAN	1	1	-	-	1	-	-	-	-	-
MCCOOK	1	1	-	-	1	-	-	-	-	-
MCPHERSON	2	2	-	-	1	-	-	1	-	-
MEADE	3	3	-	-	1	-	-	2	-	-
MINNEHAHA	11	10	-	1	5	-	1	5	-	-
MOODY	1	1	-	-	-	-	-	1	-	-
PENNINGTON	20	19	-	1	11	-	1	8	-	-
PERKINS	2	2	-	-	1	-	-	1	-	-
POTTER	2	2	-	-	2	-	-	-	-	-
ROBERTS	1	-	1	-	-	-	-	-	1	-
SANBORN	1	1	-	-	-	-	-	1	-	-
SHANNON	8	-	8	-	-	2	-	-	6	-
SPINK	2	2	-	-	1	-	-	1	-	-
SULLY	1	1	-	-	1	-	-	-	-	-
TODD	10	-	10	-	-	3	-	-	7	-
TRIPP	3	1	2	-	-	1	-	1	1	-
UNION	3	3	-	-	1	-	-	2	-	-
WALWORTH	1	1	-	-	1	-	-	-	-	-
YANKTON	3	3	-	-	-	-	-	3	-	-

TABLE 20

RESIDENT INFANT DEATHS BY AGE AND CAUSE, 1984

	TOTAL	WHITE				INDIAN				OTHER			
		UNDER 1 DAY	1 THRU 6 DAYS	7 THRU 27 DAYS	28 DAYS THRU 11 MONTHS	UNDER 1 DAY	1 THRU 6 DAYS	7 THRU 27 DAYS	28 DAYS THRU 11 MONTHS	UNDER 1 DAY	1 THRU 6 DAYS	7 THRU 27 DAYS	28 DAYS THRU 11 MONTHS
	124	26	10	17	41	6	4	2	16	1	1	-	-
CAUSES OF DEATH													
PNEUMONIA & INFLUENZA 480-487	4	-	-	1	2	-	-	-	1	-	-	-	-
CERTAIN GASTROINTESTINAL DISEASES 008-009,535,555-558	2	-	-	1	-	-	-	-	1	-	-	-	-
CONGENITAL ANOMALIES 740-759	31	5	7	5	9	1	1	-	2	1	-	-	-
OTHER CONDITIONS IN PERINATAL PERIOD 760-764,766,770-779	21	14	1	-	2	2	2	-	-	-	-	-	-
SHORT GESTATION & UNSPECIFIED LOW BIRTH WEIGHT 765	7	4	-	1	1	1	-	-	-	-	-	-	-
BIRTH TRAUMA 767	2	-	-	2	-	-	-	-	-	-	-	-	-
INTRAUTERINE HYPOXIA & BIRTH ASPHYXIA 768	2	-	1	-	-	1	-	-	-	-	-	-	-
RESPIRATORY DISEASES SYNDROME 769	8	3	1	2	-	1	1	-	-	-	-	-	-
SUDDEN INFANT DEATH SYNDROME 798.0	25	-	-	1	17	-	-	1	6	-	-	-	-
ALL OTHER CAUSES	22	-	-	4	10	-	-	1	6	-	1	-	-

NUMBERS FOLLOWING CAUSE OF DEATH ARE I.C.D. 9 CODES.

TABLE 21

FETAL DEATHS BY MOTHER'S COUNTY OF RESIDENCE, RACE AND AGE, 1984
(20 WEEKS GESTATION OR MORE)

		RACE OF MOTHER			AGE OF MOTHER						
	TOTAL	WHITE	INDIAN	OTHER	UNDER 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44
SOUTH DAKOTA	85	70	13	2	1	11	33	21	11	7	1
BEADLE	2	2	-	-	-	1	1	-	-	-	-
BROOKINGS	1	1	-	-	-	-	1	-	-	-	-
BROWN	3	3	-	-	-	2	1	-	-	-	-
BRULE	2	2	-	-	1	-	1	-	-	-	-
CAMPBELL	1	1	-	-	-	-	-	1	-	-	-
CHARLES MIX	1	1	-	-	-	-	-	-	-	-	1
CLAY	2	1	-	1	-	-	-	2	-	-	-
CODINGTON	2	2	-	-	-	-	1	-	1	-	-
CORSON	3	1	2	-	-	-	2	-	-	1	-
CUSTER	2	2	-	-	-	-	1	-	1	-	-
DAVISON	1	1	-	-	-	-	-	-	-	1	-
DEWEY	4	1	3	-	-	1	-	1	2	-	-
FALL RIVER	1	1	-	-	-	-	-	1	-	-	-
GRANT	1	1	-	-	-	-	-	1	-	-	-
GREGORY	2	2	-	-	-	-	2	-	-	-	-
HAAKON	1	1	-	-	-	-	1	-	-	-	-
HAMLIN	1	1	-	-	-	-	-	1	-	-	-
HAND	1	1	-	-	-	-	-	1	-	-	-
HANSON	1	1	-	-	-	1	-	-	-	-	-
HUGHES	2	2	-	-	-	-	2	-	-	-	-
JERAULD	1	1	-	-	-	-	-	1	-	-	-
LAWRENCE	1	1	-	-	-	1	-	-	-	-	-
LYMAN	1	1	-	-	-	-	-	1	-	-	-
MEADE	2	2	-	-	-	1	-	1	-	-	-
MELLETTE	2	-	2	-	-	-	1	-	1	-	-
MINNEHAHA	18	18	-	-	-	1	7	5	3	2	-
MOODY	3	3	-	-	-	-	-	2	1	-	-
PENNINGTON	12	9	2	1	-	1	9	1	-	1	-
SHANNON	3	-	3	-	-	-	-	1	1	1	-
SPINK	2	2	-	-	-	-	1	-	1	-	-
SULLY	2	2	-	-	-	-	-	1	-	1	-
TODD	1	-	1	-	-	-	1	-	-	-	-
TRIPP	2	2	-	-	-	1	1	-	-	-	-
TURNER	1	1	-	-	-	1	-	-	-	-	-

Mortality

MORTALITY
AN OVERVIEW: 1984

Total Resident Deaths	6,512
Crude Death Rate Per 1,000 Population, S.D.	9.3
Total U.S. Deaths	2,047,000
Crude Death Rate Per 1,000 Population, U.S.	8.7
Deaths Caused by Heart Diseases, S.D.	2,585
Deaths Caused by Cancer, S.D.	1,348
Motor Vehicle Deaths, S.D.	142

Deaths

There were 6,512 deaths occurring to residents of South Dakota in 1984 compared to 6,622 in 1983, a 1.7 percent decrease. The death rate of 9.3 is higher than the estimated death rate of 8.7 for the entire United States. The highest death rate recorded in South Dakota was in 1969 when there were 6,747 resident deaths with a rate of 10.1. The death rate in South Dakota has remained fairly constant, around 9.5 to 9.8, while the U.S. death rate shows a slow but steady decline to 8.7 in 1984 from 9.5 in 1960.

Deaths by county of residence, county of occurrence, and race are provided in Table 22. Of the 6,512 South Dakota resident deaths, 6,116 were white and 388 were Indian. There were 6,452 deaths occurring in South Dakota which differs from resident deaths in that the latter refers to the residence of the individual and does not consider the place of death. Deaths that occurred in South Dakota includes all deaths, regardless of residence.

Deaths by state of occurrence and state of residence are provided in Table 23. Of the 6,512 resident South Dakota deaths, 6,019 occurred within the borders of South Dakota; 493 South Dakotans died outside of the state. There were 433 deaths of non-residents within South Dakota. This was about seven percent of all deaths occurring in the state.

Over 50 percent, 3,325, of the deaths in South Dakota took place in hospitals. Almost 23 percent occurred in other institutions such as nursing homes (See Table 24).

Leading Causes of Death

In 1984, 86.1 percent (5,609) of all resident deaths were attributed to the ten leading causes of death (See Table 25 and Figure 10). Almost 40 percent of resident deaths were caused by diseases of the heart while over 20 percent died as a result of malignant neoplasms (cancer). Deaths due to heart disease, cancer, cerebrovascular diseases, and accidents accounted for over 73 percent of all resident deaths (See Figure 11).

The ten leading causes of death in South Dakota are the same as those for the United States. The first four are in the same rank order (United States for 1983). The death rate for heart disease, cerebrovascular disease, and accidents are higher in South Dakota than in the nation while the resident death rate due to cancer is lower than the national rate.

Table 26 provides more specific information on the leading causes of death by age group and race. Leading causes of death by age are further depicted in Table A. Although the most frequent causes of deaths have changed little in recent years, there are significant differences for causes of death by age group.

Accidents were the leading cause of death for those aged 1-4, 11 of the 32 deaths or 35 percent. Six deaths in this age group were caused by malignant neoplasms.

Sixty percent, or 18, of the deaths to 5-14-year-olds were caused by accidents, with the second leading cause of death being cancer, 13 percent.

Death caused by accidents reaches its highest level as a leading cause for those 15-24 years old. Sixty-three percent, or 73, of the 117 deaths were caused by accidents. Further analysis of those in this age category indicates that almost 70 percent of those deaths were in the 15-19-year-old age category. Violent deaths accounted for over 84 percent of the deaths in this age bracket.

Accidents as the cause of death remains high at the 25-34-year-old age group, where 40 percent or 48 of the 119 deaths were due to accidental causes. There were 18 suicides and 8 homicides in this age group for a combined 22 percent of the total deaths.

Heart disease and cancer begin to account for more deaths with the 35-44 age group, although accidents are still the leading cause at 23 percent.

Accidents as a cause of death is not sigificant for those 45 and over. Heart disease and cancer accounted for 70 percent of the deaths in the 45-64 age group and 63 percent of the deaths to those over 65.

External causes of death, including accidents, suicides, and homicides, were predominant killers among persons aged 1-34. At ages 35 years and over, chronic conditions were responsible for the largest percentage of deaths.

Table A
Leading Causes of Death By Age
1984

Age	Leading Cause	Number	Percent Total
1-4	Accidents	11	35
5-14	Accidents	18	60
15-24	Accidents	73	63
25-34	Accidents	48	40
35-44	Accidents	361	23
45-64	Heart Diseases	361	36
65+	Heart Diseases	2,178	44

Heart Disease

During 1984, 2,585 South Dakota resident deaths resulted from diseases of the heart, down 164 deaths from 1983. The number of heart disease deaths is almost double the number for the second leading cause of death (See Table 26). Acute myocardial infarction accounted for 1,137, or 44 percent, of all heart disease deaths with almost all of the these occurring to individuals over 45 years old.

Cancer

Of the 6,512 South Dakota resident deaths, 1348 died from cancer in 1984 (See Table 27). The cancer death rate per 100,000 in South Dakota was 192.9. Malignant neoplams of the digestive organs and peritoneum caused the most cancer deaths, 379, followed by cancer of the respiratory and intrathoracic organs, 285 deaths.

Table 27 indicates that residents of Miner County had the highest cancer death rate in South Dakota, 470 per 100,000 while residents of Buffalo County had the lowest, 60 per 100,000. Because age is closely related to cause of death, it is not surprising that Miner County had a median age of 40 according to the 1980 U.S. census, while Buffalo County had a median age of 20. Figure 12 provides a map of South Dakota indicating cancer rates by four groupings for the counties.

Accidental and Violent Deaths Occurring in South Dakota

There were 466 violent deaths in South Dakota during 1984 (See Table 28 and Figure 13). Violent deaths include traffic accident fatalities, homicides, suicides, drownings, falls, fires, and poisonings. During 1983 there were 467 violent deaths, one more than during 1984. Table 29 indicates the cause of violent deaths by county.

Motor Vehicle Accidents

The leading cause of violent deaths was motor vehicle traffic accidents. During 1984 there were 142 deaths resulting from traffic crashes. The 1984 figure is almost 20 percent less than in 1983, when motor vehicle traffic accidents caused 176 deaths in South Dakota. According to the 1984 Motor Vehicle Traffic Accident Summary, Department of Transportation, over 50 percent of the fatal traffic accidents in South Dakota are alcohol-involved (at least one driver, pedestrian, or bicycle driver had been drinking in the opinion of the investigating officer).

Suicide

Suicides are the second leading cause of violent deaths in South Dakota. The 1984 suicide rate of 12.80 is the third higest since 1960. Only 1980 and 1982 had higher suicide rates (See Table B).

TABLE B
SOUTH DAKOTA SUICIDES, 1960-1984

	TOTAL	% MALES	% WHITE	RATE (Per 100,000 Population)	PMR*
1960	69	89.9	97.1	10.10	1.04
1961	49	73.5	95.9	7.07	.79
1962	80	87.5	96.3	11.34	1.22
1963	72	80.6	94.4	10.17	1.08
1964	70	90.0	85.7	9.99	1.06
1965	62	90.3	96.8	8.96	0.95
1966	67	73.1	92.5	9.91	1.02
1967	57	77.2	96.5	8.49	0.90
1968	60	81.7	80.0	8.97	0.92
1969	63	76.2	92.1	9.43	0.93
1970	61	68.9	83.6	9.16	0.93
1971	82	72.0	80.5	12.17	1.22
1972	74	66.2	79.7	10.88	1.05
1973	53	81.1	90.6	7.77	0.80
1974	69	81.2	88.4	10.13	1.05
1975	72	81.9	84.7	10.58	1.11
1976	75	85.3	84.0	10.94	1.11
1977	74	82.4	82.4	10.76	1.18
1978	79	79.8	83.5	11.41	1.22
1979	71	84.5	87.3	10.31	1.12
1980	89	84.3	78.7	12.88	1.36
1981	84	88.1	72.6	12.16	1.31
1982	95	82.1	89.5	13.75	1.44
1983	82	86.6	84.1	11.77	1.24
1984	89	88.8	91.0	12.77	1.38

*Proportional Mortality Rate is the proportion of suicide deaths to all deaths; e.g., in 1984 there were 1.38 suicide deaths for every 100 deaths (from all causes).

White males committed 83 percent, or 73, of all suicides in South Dakota. Females accounted for 9.0 percent or 8 suicides. During 1984, non-whites commited 9.0 percent, or 8, suicides while in 1983 they had committed 16 percent of all suicides.

The second leading cause of death for 15-24-year-olds was suicide: 17 percent, or 20 suicides. Those aged 45-64 committed 24, or 27 percent, of all suicides, however, suicides accounted for only 2.4 percent of deaths within this age group.

TABLE 22

DEATHS BY COUNTY OF RESIDENCE AND OCCURRENCE BY RACE, 1984

	DEATHS BY RESIDENT COUNTY				DEATHS BY COUNTY OF OCCURRENCE			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
SOUTH DAKOTA	6,512	6,116	388	8	6,452	6,090	357	5
AURORA	43	43	-	-	23	23	-	-
BEADLE	204	203	-	1	194	192	1	1
BENNETT	41	22	19	-	39	20	19	-
BON HOMME	91	88	3	-	79	76	3	-
BROOKINGS	172	172	-	-	142	141	1	-
BROWN	324	323	-	1	359	359	-	-
BRULE	48	48	-	-	41	35	6	-
BUFFALO	16	3	13	-	9	3	6	-
BUTTE	98	98	-	-	82	82	-	-
CAMPBELL	17	17	-	-	6	6	-	-
CHARLES MIX	108	86	22	-	103	85	18	-
CLARK	56	56	-	-	24	24	-	-
CLAY	68	68	-	-	49	49	-	-
CODINGTON	219	218	1	-	266	264	2	-
CORSON	30	14	16	-	11	6	5	-
CUSTER	65	63	2	-	47	47	-	-
DAVISON	184	184	-	-	206	205	1	-
DAY	103	97	6	-	72	69	3	-
DEUEL	69	69	-	-	49	40	-	-
DEWEY	47	15	32	-	18	4	14	-
DOUGLAS	42	42	-	-	34	34	-	-
EDMUNDS	72	71	1	-	69	68	1	-
FALL RIVER	126	124	2	-	128	120	8	-
FAULK	40	40	-	-	30	30	-	-
GRANT	98	98	-	-	87	87	-	-
GREGORY	79	78	1	-	64	63	1	-
HAAKON	22	22	-	-	21	21	-	-
HAMLIN	77	77	-	-	53	53	-	-
HAND	58	58	-	-	54	54	-	-
HANSON	16	16	-	-	5	5	-	-
HARDING	10	10	-	-	5	5	-	-
HUGHES	104	102	2	-	117	107	10	-
HUTCHINSON	136	136	-	-	132	132	-	-
HYDE	29	29	-	-	11	11	-	-
JACKSON	26	19	7	-	14	13	1	-
JERAULD	29	29	-	-	40	39	1	-
JONES	9	9	-	-	1	1	-	-
KINGSBURY	86	86	-	-	82	82	-	-
LAKE	107	107	-	-	107	107	-	-
LAWRENCE	124	124	-	-	94	93	1	-
LINCOLN	125	125	-	-	80	80	-	-
LYMAN	32	26	6	-	13	11	2	-
MCCOOK	103	103	-	-	69	69	-	-
MCPHERSON	52	52	-	-	28	28	-	-
MARSHALL	73	71	2	-	41	40	1	-
MEADE	127	126	-	1	187	182	5	-
MELLETTE	27	14	13	-	13	7	6	-
MINER	81	81	-	-	41	41	-	-
MINNEHAHA	887	877	9	1	1.477	1.453	23	1
MOODY	76	71	5	-	51	51	-	-
PENNINGTON	522	493	26	3	598	533	63	2
PERKINS	41	40	1	-	25	25	-	-
POTTER	49	49	-	-	52	52	-	-
ROBERTS	129	110	19	-	96	79	17	-
SANBORN	41	41	-	-	16	16	-	-
SHANNON	90	6	83	1	54	2	51	1
SPINK	107	107	-	-	78	78	-	-
STANLEY	9	8	1	-	7	7	-	-
SULLY	15	15	-	-	2	2	-	-
TODD	74	7	67	-	44	1	43	-
TRIPP	79	68	11	-	71	59	12	-
TURNER	120	120	-	-	83	83	-	-
UNION	96	96	-	-	34	34	-	-
WALWORTH	89	81	8	-	102	89	13	-
YANKTON	159	158	1	-	221	209	12	-
ZIEBACH	16	7	9	-	11	4	7	-

TABLE 23
DEATHS BY STATE OF OCCURRENCE AND STATE OF RESIDENCE, 1984

	RESIDENT DEATHS BY STATE OF OCC.				DEATHS IN S.D. BY RES. STATE			
	TOTAL	WHITE	INDIAN	OTHER	TOTAL	WHITE	INDIAN	OTHER
ALL DEATHS	6,512	6,116	388	8	6,452	6,090	357	5
ALABAMA	-	-	-	-	1	1	-	-
ALASKA	1	1	-	-	-	-	-	-
ARIZONA	22	22	-	-	1	1	-	-
ARKANSAS	1	1	-	-	1	1	-	-
CALIFORNIA	15	15	-	-	6	5	1	-
COLORADO	40	35	4	1	4	3	1	-
FLORIDA	6	6	-	-	1	1	-	-
ILLINOIS	8	8	-	-	5	5	-	-
INDIANA	2	2	-	-	3	3	-	-
IOWA	70	70	-	-	99	99	-	-
KANSAS	3	3	-	-	-	-	-	-
LOUISIANA	1	1	-	-	1	1	-	-
MASSACHUSETTS	1	1	-	-	-	-	-	-
MICHIGAN	1	1	-	-	1	1	-	-
MINNESOTA	147	140	6	1	146	145	1	-
MISSOURI	1	1	-	-	1	1	-	-
MONTANA	1	1	-	-	7	6	1	-
NEBRASKA	45	34	11	-	81	80	1	-
NEVADA	1	1	-	-	-	-	-	-
NEW JERSEY	-	-	-	-	1	1	-	-
NEW MEXICO	1	1	-	-	1	1	-	-
NORTH CAROLINA	1	1	-	-	-	-	-	-
NORTH DAKOTA	88	75	13	-	29	29	-	-
OHIO	2	2	-	-	-	-	-	-
OKLAHOMA	5	5	-	-	1	-	1	-
OREGON	1	1	-	-	3	3	-	-
PENNSYLVANIA	-	-	-	-	1	1	-	-
SOUTH DAKOTA	6,019	5,663	351	5	6,019	5,663	351	5
TENNESSEE	2	2	-	-	-	-	-	-
TEXAS	6	6	-	-	4	4	-	-
UTAH	5	3	1	1	-	-	-	-
VIRGINIA	2	2	-	-	-	-	-	-
WASHINGTON	5	3	2	-	4	4	-	-
WISCONSIN	1	1	-	-	3	3	-	-
WYOMING	8	8	-	-	26	26	-	-
CANADA	-	-	-	-	2	2	-	-

TABLE 24

DEATHS BY COUNTY OF OCCURRENCE AND PLACE OF DEATH, 1984

		PLACE OF DEATH			
	TOTAL	HOSPITAL INPATIENT	HOSPITAL OUTPATIENT	OTHER INSTITUTIONS *	OTHER **
SOUTH DAKOTA	6452	3325	246	1479	1402
AURORA	23	-	-	9	14
BEADLE	194	98	-	61	35
BENNETT	39	20	-	10	9
BON HOMME	79	51	3	13	12
BROOKINGS	142	59	12	37	34
BROWN	359	175	8	107	69
BRULE	41	16	3	7	15
BUFFALO	9	-	-	-	9
BUTTE	82	34	1	23	24
CAMPBELL	6	-	-	2	4
CHARLES MIX	103	53	1	21	28
CLARK	24	-	-	10	14
CLAY	49	14	8	19	8
CODINGTON	266	124	22	81	39
CORSON	11	-	-	-	11
CUSTER	47	14	-	12	21
DAVISON	206	115	9	57	25
DAY	72	33	5	12	22
DEUEL	40	14	-	15	11
DEWEY	18	2	3	1	12
DOUGLAS	34	18	-	10	6
EDMUNDS	69	29	2	21	17
FALL RIVER	128	82	-	21	25
FAULK	30	12	-	10	8
GRANT	87	38	2	22	25
GREGORY	64	39	-	11	14
HAAKON	21	10	1	7	3
HAMLIN	53	15	-	26	12
HAND	54	20	-	21	13
HANSON	5	-	-	-	5
HARDING	5	-	-	-	5
HUGHES	117	49	5	26	37
HUTCHINSON	132	61	3	42	26
HYDE	11	-	-	3	8
JACKSON	14	-	-	6	8
JERAULD	40	30	2	2	6
JONES	1	-	-	-	1
KINGSBURY	82	49	-	26	7
LAKE	107	48	5	30	24
LAWRENCE	94	43	9	18	24
LINCOLN	80	16	1	36	27
LYMAN	13	-	-	-	13
MCCOOK	69	-	-	48	21
MCPHERSON	28	18	-	5	5
MARSHALL	41	13	-	16	12
MEADE	187	119	7	18	43
MELLETTE	13	-	-	4	9
MINER	41	-	-	32	9
MINNEHAHA	1477	1015	61	229	172
MOODY	51	7	2	27	15
PENNINGTON	598	361	34	90	113
PERKINS	25	13	-	2	10
POTTER	52	30	-	9	13
ROBERTS	96	47	3	23	23
SANBORN	16	-	-	6	10
SHANNON	54	12	5	-	37
SPINK	78	24	2	25	27
STANLEY	7	-	-	-	7
SULLY	2	-	-	-	2
TODD	44	10	7	-	27
TRIPP	71	43	6	8	14
TURNER	83	38	-	19	26
UNION	34	-	-	21	13
WALWORTH	102	55	-	29	18
YANKTON	221	139	14	33	35
ZIEBACH	11	-	-	-	11

* INCLUDES: NURSING HOME, CONVALESCENT HOMES, RETIREMENT CENTER, ETC.

** INCLUDES: HOME AND ALL OTHER PLACES NOT PROVIDING PATIENT CARE.

TABLE 25
RESIDENT LEADING CAUSES OF DEATH, 1984

CAUSE OF DEATH	ALL RACES				WHITE			INDIAN		
	RANK	DEATHS	%	RATE	RANK	DEATHS	%	RANK	DEATHS	%
SOUTH DAKOTA		6,512	100.0			6,116	100.0		388	100.0
DISEASE OF THE HEART 390-398,402,404-429	1	2,585	39.7	370.0	1	2,478	40.5	1	105	27.1
MALIGNANT NEOPLASMS 140-208	2	1,348	20.7	192.9	2	1,300	21.3	3	47	12.1
CEREBROVASCULAR DISEASES 430-438	3	519	8.0	74.3	3	500	8.2	4	19	4.9
ACCIDENTS E800-E949	4	334	5.1	47.8	4	272	4.4	2	61	15.7
PNEUMONIA AND INFLUENZA 480-487	5	264	4.1	37.8	5	248	4.1	5	16	4.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES 490-496	6	230	3.5	32.9	6	223	3.6	-	-	-
DIABETES MELLITUS 250	7	103	1.6	14.7	7	91	1.5	6	12	3.1
SUICIDE E950-E959	8	90	1.4	12.9	9	82	1.3	10	8	2.1
ATHEROSCLEROSIS 440	9	85	1.3	12.2	8	84	1.4	-	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS 571	10	51	0.8	7.3	10	39	0.6	7	12	3.1
CONDITIONS ORIGINATING IN PERINATAL PERIOD 760-779	-	-	-	-	-	-	-	9	8	2.1
HOMICIDE AND LEGAL INTERVENTION E960-E978	-	-	-	-	-	-	-	8	9	2.3
ALL OTHER CAUSES	-	903	13.9	129.2	-	799	13.1	-	91	23.5

RATE FOR ALL RACES IS PER 100,000 POPULATION.

NUMBERS FOLLOWING CAUSE OF DEATH ARE I.C.D. 9 CODES

FIGURE 10

TEN LEADING CAUSES OF DEATH BY RACE, SOUTH DAKOTA, 1984 (PERCENT OF TOTAL DEATHS)

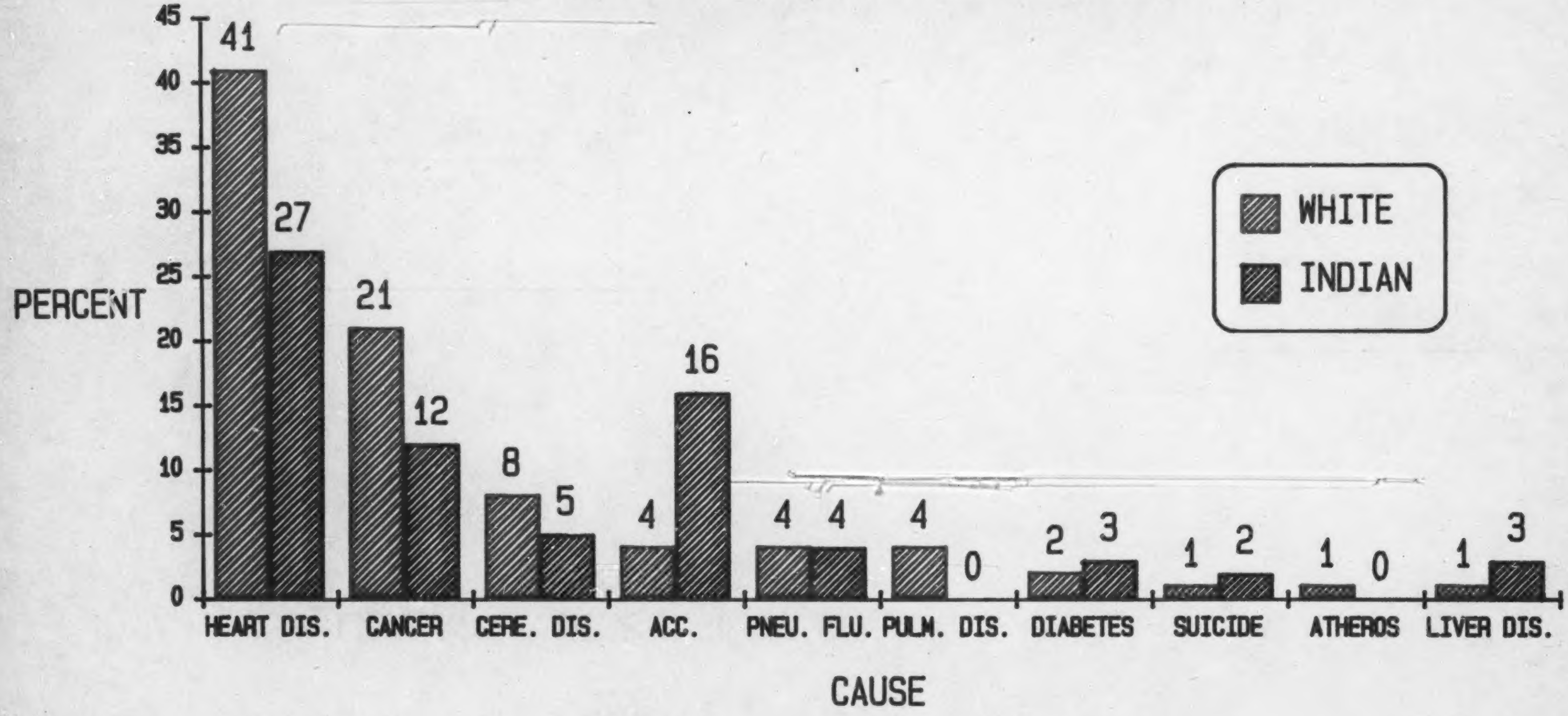

FIGURE 11

LEADING CAUSES OF DEATH,
BY AGE, 1984

AGE 1–65+

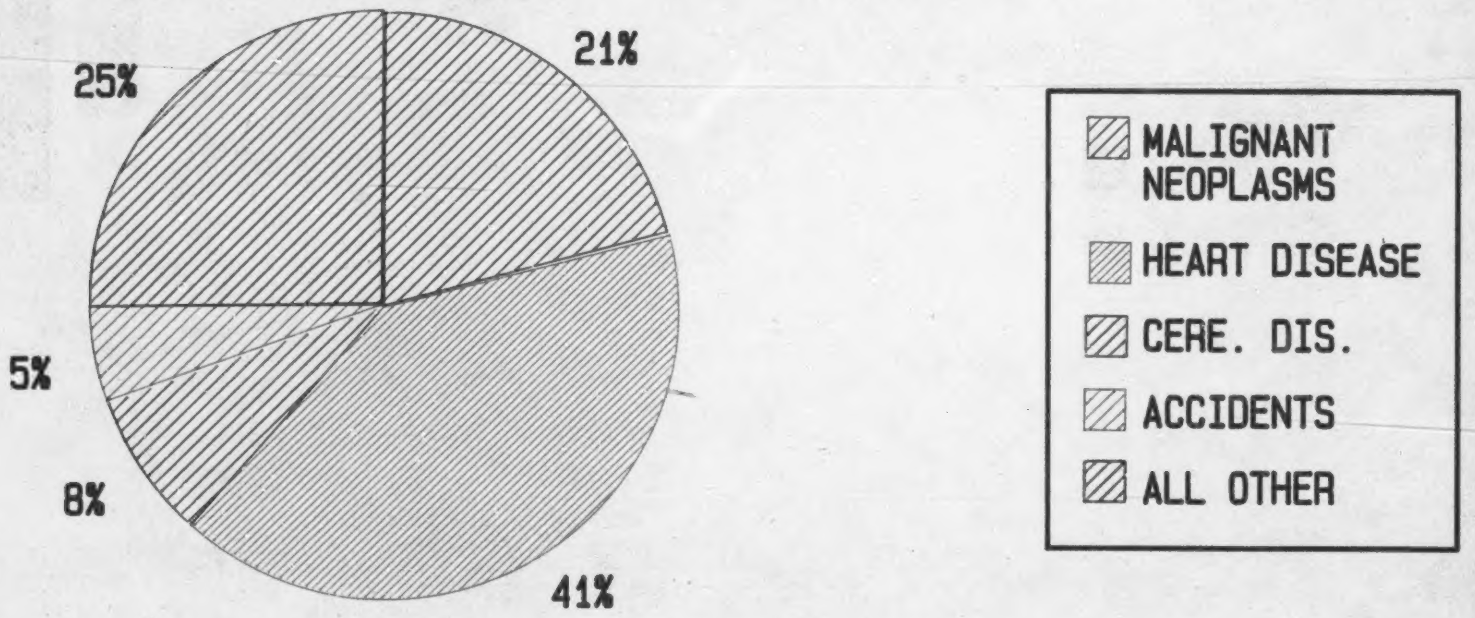

TABLE 26
RESIDENT DEATHS FROM SELECTED CAUSES BY AGE AND RACE, 1984

			AGE AT DEATH							
		TOTAL	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-64	65+
		6512	125	32	30	117	119	150	1005	4934
	RACE									
	WHITE	6116	95	22	28	83	95	114	899	4780
	INDIAN	388	28	10	2	33	23	34	105	153
	OTHER	8	2	-	-	1	1	2	1	1
CAUSE OF DEATH										
INFECTIOUS AND PARASITIC DISEASES 001-139	WHITE	42	2	-	1	-	1	2	7	29
	INDIAN	11	3	-	-	1	-	1	4	2
MALIGNANT NEOPLASMS INCLUDING NEOPLASMS OF LYMPHATIC & HEMATOPOIETIC TISSUE 140-208	WHITE	1300	-	5	4	7	9	28	320	927
	INDIAN	47	-	1	-	-	-	2	21	23
	OTHER	1	-	-	-	-	-	1	-	-
BENIGN NEOPLASMS AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND UNSPECIFIED NATURE 210-239	WHITE	11	-	1	-	-	-	-	-	10
DIABETES MELLITUS 250	WHITE	91	-	-	-	-	1	6	16	68
	INDIAN	12	-	-	-	-	-	-	4	8
NUTRITIONAL DEFICIENCIES 260-269	WHITE	6	-	-	-	-	-	-	1	5
	INDIAN	2	-	1	-	-	-	-	-	1
ANEMIAS 280-285	WHITE	4	-	-	-	-	-	-	1	3
	INDIAN	2	-	-	1	-	-	-	-	1
MENINGITIS 320-322	WHITE	1	1	-	-	-	-	-	-	-
DISEASES OF THE HEART 390-398,402,404-429	WHITE	2478	3	2	1	3	5	19	322	2123
	INDIAN	105	2	-	-	1	3	6	39	54
	OTHER	2	1	-	-	-	-	-	-	1
HYPERTENSION WITH OR WITHOUT RENAL FAILURE 401,403	WHITE	21	-	-	-	-	-	-	-	21
	INDIAN	1	-	-	-	-	-	-	-	1
CEREBROVASCULAR DISEASES 430-438	WHITE	500	-	-	-	-	2	2	29	467
	INDIAN	19	-	-	-	-	1	3	5	10
ATHEROSCLEROSIS 440	WHITE	84	-	-	-	-	-	-	1	83
	INDIAN	1	-	-	-	-	-	-	-	1
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES 441-448	WHITE	95	-	-	-	-	2	-	16	77
	INDIAN	1	-	-	-	-	-	-	-	1

TABLE 26 (Cont'd.)
RESIDENT DEATHS FROM SELECTED CAUSES BY AGE AND RACE, 1984

		TOTAL	AGE AT DEATH							
			UNDER 1	1-4	5-14	15-24	25-34	35-44	45-64	65+
PNEUMONIA AND INFLUENZA 480-487	WHITE	248	3	-	-	-	1	1	8	235
	INDIAN	16	1	-	-	-	-	2	2	11
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS 490-496	WHITE	223	-	-	-	-	3	3	38	179
	INDIAN	7	-	-	-	-	1	-	1	5
ULCER OF STOMACH AND DUODENUM 531-533	WHITE	17	-	-	-	1	-	-	2	14
	INDIAN	2	-	-	-	-	-	-	-	2
APPENDICITIS 540-543	WHITE	2	-	-	-	-	-	-	-	2
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA 550-553,560	WHITE	19	1	-	-	-	-	-	-	18
	INDIAN	1	-	-	-	-	-	-	-	1
CHRONIC LIVER DISEASE AND CIRRHOSIS 571	WHITE	39	-	-	-	-	-	3	15	21
	INDIAN	12	-	-	-	-	-	2	7	3
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER 574-575	WHITE	9	-	-	-	-	-	-	-	9
	INDIAN	3	-	-	-	-	-	-	-	3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS 580-589	WHITE	37	-	-	-	-	-	1	2	34
	INDIAN	5	-	-	-	-	1	-	-	4
INFECTIONS OF KIDNEY 590	WHITE	7	-	-	-	-	-	-	1	6
	INDIAN	1	-	-	-	-	-	-	-	1
HYPERPLASIA OF PROSTATE 600	WHITE	5	-	-	-	-	-	-	-	5
CONGENITAL ANOMALIES 740-759	WHITE	39	27	3	2	-	-	1	2	4
	INDIAN	6	4	2	-	-	-	-	-	-
	OTHER	2	1	-	-	-	1	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD 760-779	WHITE	32	32	-	-	-	-	-	-	-
	INDIAN	8	8	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILLDEFINED CONDITIONS 780-799	WHITE	52	18	-	-	-	1	-	5	28
	INDIAN	14	7	1	-	1	1	-	2	2
	OTHER	1	-	-	-	1	-	-	-	-

TABLE 26 (Cont'd.)
RESIDENT DEATHS FROM SELECTED CAUSES BY AGE AND RACE, 1984

			AGE AT DEATH							
		TOTAL	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-64	65+
ALL OTHER DISEASES	WHITE	380	6	3	2	-	8	12	51	298
	INDIAN	33	1	2	-	1	2	4	8	15
ACCIDENTS AND ADVERSE EFFECTS E800-E949	WHITE	272	2	8	18	50	39	23	37	95
	INDIAN	61	1	3	-	23	9	10	11	4
	OTHER	1	-	-	-	-	-	1	-	-
SUICIDE E950-E959	WHITE	82	-	-	-	16	17	12	24	13
	INDIAN	8	-	-	1	4	1	2	-	-
HOMICIDE AND LEGAL INTERVENTION E960-E978	WHITE	12	-	-	-	3	4	1	-	4
	INDIAN	9	-	-	-	2	4	2	1	-
	OTHER	1	-	-	-	-	-	-	1	-
ALL OTHER EXTERNAL CAUSES E980-E999	WHITE	8	-	-	-	3	2	-	1	2
	INDIAN	1	1	-	-	-	-	-	-	-

TABLE 27
DEATHS FROM MALIGNANT NEOPLASMS BY COUNTY OF RESIDENCE, 1984

	TOTAL		SITE OF MALIGNANT NEOPLASM													
			LIP, ORAL CAVITY, PHARYNX (140-149)		DIGESTIVE ORGANS AND PERITONEUM (150-159)		RESPIRATORY & INTRATHORACIC ORGANS (160-165)		BONE, CONNECTIVE TISSUE, SKIN, BREAST (170-175)		GENITO-URINARY ORGANS (179-189)		OTHER AND SPECIFIED SITES (190-199)		LYMPHATIC & HEMATOPOIETIC TISSUE (200-208)	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
SOUTH DAKOTA	1,348	193	11	2	379	54	285	41	128	18	256	37	132	19	157	23
AURORA	12	339	-	-	3	85	4	113	-	-	1	28	4	113	-	-
BEADLE	50	268	-	-	17	91	12	64	1	5	11	59	5	27	4	21
BENNETT	7	220	-	-	2	63	-	-	-	-	2	63	3	94	-	-
BON HOMME	21	272	-	-	6	78	3	39	2	26	4	52	1	13	5	65
BROOKINGS	33	133	-	-	7	28	8	32	2	8	7	28	6	24	3	12
BROWN	58	158	-	-	20	54	9	24	6	16	10	27	6	16	7	19
BRULE	13	241	-	-	7	130	4	74	-	-	-	-	1	19	1	19
BUFFALO	1	60	-	-	-	-	-	-	-	-	1	60	-	-	-	-
BUTTE	20	242	-	-	3	36	5	60	4	48	4	48	1	12	3	36
CAMPBELL	4	178	-	-	2	89	1	45	-	-	-	-	1	45	-	-
CHARLES MIX	21	218	-	-	5	52	8	83	-	-	5	52	2	21	1	10
CLARK	12	242	-	-	1	20	4	81	3	61	2	40	1	20	1	20
CLAY	17	124	-	-	8	58	3	22	1	7	2	15	-	-	3	22
CODINGTON	49	183	-	-	10	46	5	23	4	18	11	50	6	27	4	18
CORSON	5	94	-	-	-	-	1	19	-	-	-	-	3	57	1	19
CUSTER	15	236	-	-	3	47	4	63	-	-	5	79	1	16	2	31
DAVISON	44	248	-	-	11	62	6	34	9	51	11	62	2	11	5	28
DAY	19	238	-	-	3	38	6	75	1	13	5	63	2	25	2	25
DEUEL	21	402	1	19	7	134	2	38	1	19	3	57	1	19	6	115
DEWEY	4	74	-	-	-	-	1	18	1	18	1	18	-	-	1	18
DOUGLAS	6	150	-	-	1	25	4	100	-	-	-	-	-	-	1	25
EDMUNDS	14	284	-	-	3	61	5	102	2	41	2	41	-	-	2	41
FALL RIVER	20	251	1	13	6	75	6	75	1	13	2	25	-	-	4	50
FAULK	6	184	-	-	2	61	-	-	1	31	1	31	2	61	-	-
GRANT	27	286	-	-	8	85	7	74	3	32	3	32	4	42	2	21
GREGORY	13	220	1	17	3	51	4	68	-	-	1	17	-	-	4	68
HAAKON	7	248	-	-	1	35	3	106	1	35	1	35	1	35	-	-
HAMLIN	17	325	-	-	3	57	5	96	3	57	1	19	5	96	-	-
HAND	16	335	-	-	4	84	3	63	2	42	3	63	1	21	3	63
HANSON	4	120	-	-	2	60	-	-	-	-	-	-	2	60	-	-
HARDING	2	115	-	-	-	-	1	58	-	-	1	58	-	-	-	-
HUGHES	28	193	-	-	7	48	8	55	3	21	4	28	4	28	2	14
HUTCHINSON	28	306	3	33	9	98	3	33	4	44	6	66	1	11	2	22
HYDE	7	351	-	-	1	50	2	100	-	-	3	150	1	50	-	-
JACKSON	4	119	-	-	1	30	1	30	1	30	1	30	-	-	-	-
JERAULD	5	179	-	-	3	107	-	-	-	-	1	36	1	36	-	-
JONES	3	205	-	-	1	68	2	136	-	-	-	-	-	-	-	-
KINGSBURY	18	275	-	-	8	122	2	31	3	46	2	31	-	-	3	46
LAKE	18	167	-	-	1	9	6	56	4	37	4	37	1	9	2	19
LAWRENCE	20	106	-	-	4	21	3	16	1	5	5	26	1	5	6	32
LINCOLN	27	193	-	-	8	57	6	43	5	36	6	43	2	14	-	-
LYMAN	4	105	-	-	1	26	-	-	-	-	2	52	1	26	-	-
MCCOOK	18	288	-	-	5	80	7	112	3	48	1	16	-	-	2	32
MCPHERSON	14	361	1	26	6	155	3	77	2	52	1	26	-	-	1	26
MARSHALL	17	321	-	-	7	132	1	19	-	-	5	95	2	38	2	38
MEADE	20	94	-	-	5	24	2	9	2	9	4	19	1	5	6	28
MELLETTE	4	176	-	-	-	-	1	44	-	-	-	-	2	88	1	44
MINER	17	470	-	-	6	166	4	111	3	83	1	28	1	28	2	55
MINNEHAHA	208	181	3	3	56	49	45	39	23	20	48	42	13	11	20	17
MOODY	13	189	-	-	3	44	1	15	1	15	4	58	1	15	3	44
PENNINGTON	109	148	1	1	28	38	24	33	7	9	25	34	9	12	15	20
PERKINS	6	130	-	-	1	22	1	22	2	43	1	22	-	-	1	22
POTTER	9	243	-	-	5	135	1	27	-	-	1	27	1	27	1	27
ROBERTS	22	201	-	-	7	64	-	-	2	18	4	37	6	55	3	27
SANBORN	12	387	-	-	5	161	2	64	1	32	2	64	1	32	1	32
SHANNON	15	135	-	-	5	45	5	45	-	-	2	18	3	27	-	-
SPINK	19	209	-	-	8	88	3	33	-	-	2	22	4	44	2	22
STANLEY	2	82	-	-	1	41	-	-	-	-	-	-	-	-	1	41
SULLY	5	269	-	-	3	162	-	-	-	-	1	54	1	54	-	-
TODD	8	111	-	-	3	41	2	28	-	-	2	28	-	-	1	14
TRIPP	16	221	-	-	5	69	5	69	2	28	-	-	3	41	1	14
TURNER	21	229	-	-	4	44	6	65	3	33	3	33	4	44	1	11
UNION	24	223	-	-	7	65	4	37	2	19	3	28	5	46	3	28
WALWORTH	13	190	-	-	2	29	2	29	2	29	2	29	2	29	3	44
YANKTON	43	226	-	-	13	68	9	47	4	21	10	52	-	-	7	37
ZIEBACH	2	84	-	-	2	84	-	-	-	-	-	-	-	-	-	-

RATE PER 100,000 POPULATION.

Figure 12
MALIGNANT NEOPLASM DEATH RATE BY COUNTY
1984

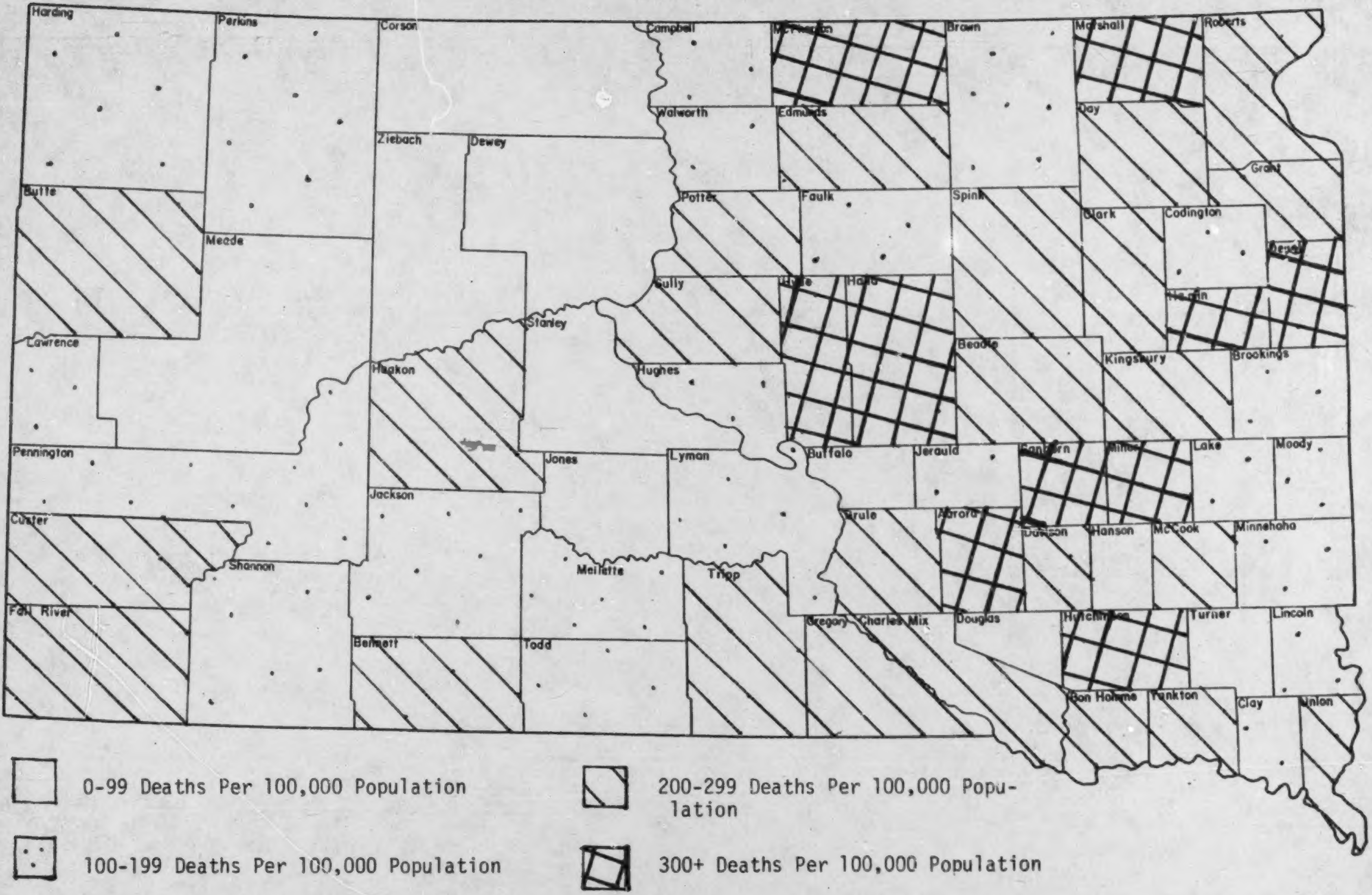
Harding
Perkins
Corson
Campbell
McPherson
Brown
Marshall
Roberts
Walworth
Edmunds
Day
Ziebach
Dewey
Grant
Butte
Potter
Faulk
Spink
Clark
Codington
Meade
Deuel
Sully
Hyde
Hand
Hamlin
Stanley
Lawrence
Beadle
Kingsbury
Brookings
Haakon
Hughes
Pennington
Jones
Lyman
Buffalo
Jerauld
Sanborn
Miner
Lake
Moody
Jackson
Custer
Brule
Aurora
Davison
Hanson
McCook
Minnehaha
Shannon
Mellette
Tripp
Fall River
Gregory
Charles Mix
Douglas
Hutchinson
Turner
Lincoln
Bennett
Todd
Bon Homme
Yankton
Clay
Union
0-99 Deaths Per 100,000 Population
200-299 Deaths Per 100,000 Population
100-199 Deaths Per 100,000 Population
300+ Deaths Per 100,000 Population

TABLE 28
DEATHS FROM SELECTED EXTERNAL CAUSES BY RACE AND SEX, 1984*

		TOTAL				WHITE				INDIAN				OTHER			
		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
CAUSE OF DEATH	TOTAL	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
SOUTH DAKOTA	446	331	74.2	115	25.8	272	61.0	99	22.2	58	13.0	16	3.6	1	-	0	-
MOTOR VEHICLE	142	93	65.5	49	34.5	68	47.9	43	30.3	25	17.6	6	4.2	-	-	-	-
MOTOR VEHICLE NON-TRAFFIC	7	5	71.4	2	28.6	5	71.4	2	28.6	-	-	-	-	-	-	-	-
OTHER TRANSP.	10	10	100	-	-	9	90.0	-	-	1	10.0	-	-	-	-	-	-
POISON	7	5	71.4	2	28.6	4	57.1	2	28.6	1	14.3	-	-	-	-	-	-
FALLS	58	32	55.2	26	44.8	30	51.7	25	43.1	2	3.4	1	1.7	-	-	-	-
FIRES	18	11	61.1	7	38.9	6	33.3	5	27.8	5	27.8	2	11.1	-	-	-	-
DROWNING	15	14	93.3	1	6.7	11	73.3	1	6.7	3	20.0	-	-	-	-	-	-
FIREARMS	6	4	66.7	2	33.3	3	50.0	1	16.7	1	16.7	1	16.7	-	-	-	-
ALL OTHER ACCIDENT	67	53	79.1	14	20.9	46	68.7	12	17.9	7	10.4	2	3.0	-	-	-	-
SUICIDES	89	79	88.8	10	11.2	73	82.0	8	9.0	6	6.7	2	2.2	-	-	-	-
HOMICIDE & LEGAL INTERV.	19	18	94.7	1	5.3	10	52.6	-	-	7	36.8	1	5.3	1	5.3	-	-
UNDETERMINED ACCIDENT, SUICIDE OR HOMICIDE	8	7	87.5	1	12.5	7	87.5	-	-	-	-	1	12.5	-	-	-	-

* INCLUDES SOUTH DAKOTA OCCURRENCES ONLY.

FIGURE 13

ACCIDENTAL AND VIOLENT DEATHS IN SOUTH DAKOTA, BY CAUSE, 1984

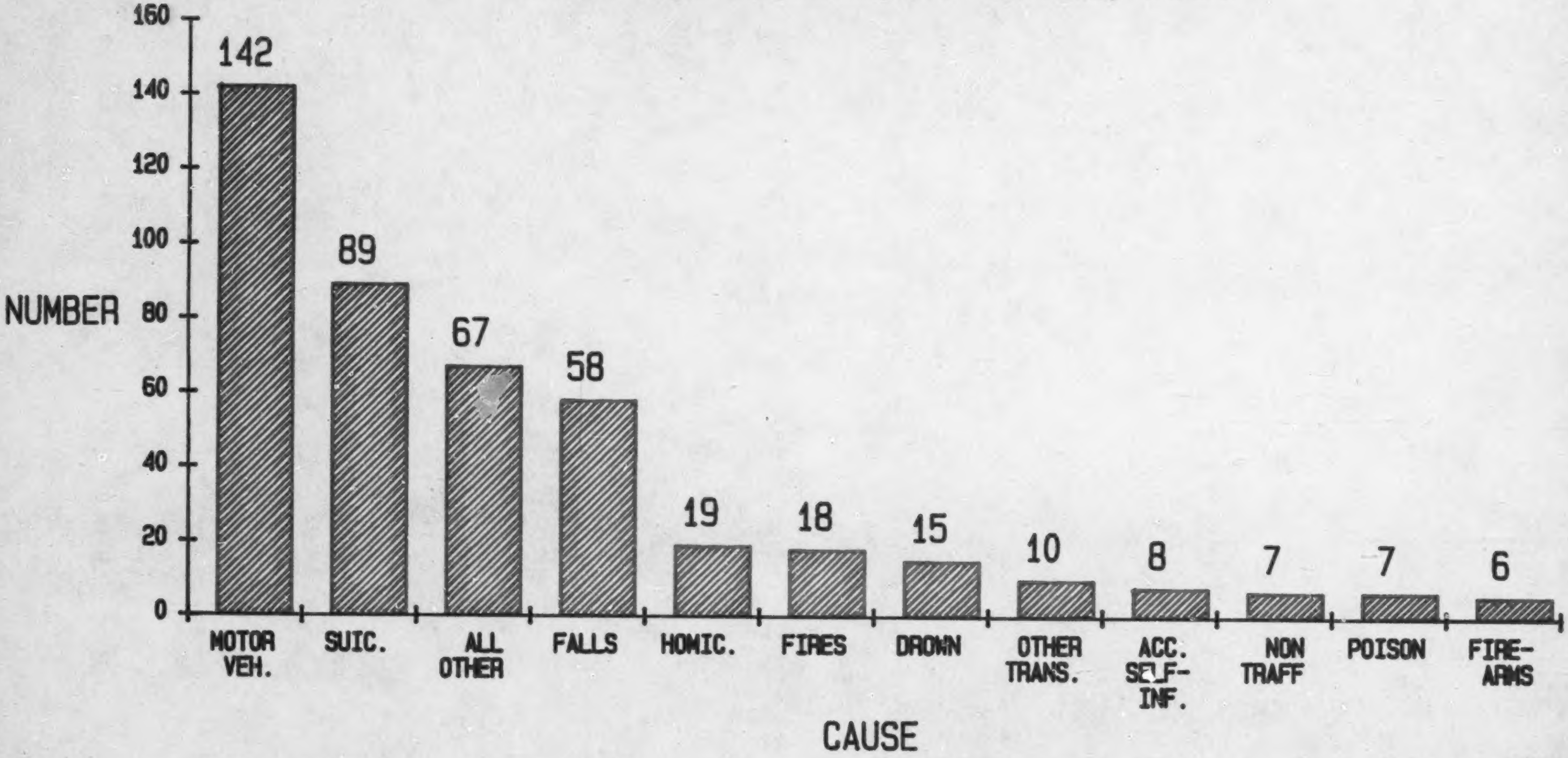

TABLE 29

EXTERNAL CAUSE OF DEATH BY COUNTY OF INJURY, 1984

	TOTAL	MOTOR VEHICLE	MOTOR VEHICLE NON-TRAFFIC	OTHER TRANSP.	POISON	FALLS	FIRES	DROWNING	FIREARMS	ALL OTHER ACCIDENT	SUICIDES	HOMICIDE & LEGAL INTERV.	UNDETERMINED ACCIDENT SUICIDE HOMICIDE
SOUTH DAKOTA	446	142	7	10	7	58	18	16	6	67	89	19	8
AURORA	2	-	-	-	-	-	-	-	-	-	2	-	-
BEADLE	12	4	-	1	-	2	1	-	-	2	2	-	-
BENNETT	3	2	-	-	-	-	-	-	-	-	1	-	-
BON HOMME	4	2	-	-	-	-	1	-	-	1	-	-	-
BROOKINGS	11	5	1	-	-	2	-	-	-	-	2	-	1
BROWN	18	5	-	4	-	2	2	-	-	2	2	-	1
BRULE	3	-	-	-	-	-	-	1	-	-	2	-	-
BUTTE	10	6	-	-	-	2	-	-	1	-	1	-	-
CAMPBELL	3	2	-	-	-	-	-	-	-	1	-	-	-
CHARLES MIX	14	7	-	-	-	-	-	1	-	2	2	2	-
CLARK	4	3	-	-	-	-	-	-	-	-	1	-	-
CLAY	5	-	-	1	-	1	-	-	-	2	1	-	-
CODINGTON	12	4	-	-	-	3	-	1	-	2	2	-	-
CORSON	2	1	-	-	-	-	-	-	1	-	-	-	-
CUSTER	3	-	-	-	-	-	-	-	-	2	-	-	1
DAVISON	4	1	-	-	-	1	-	-	-	1	1	-	-
DAY	10	1	1	-	-	2	-	-	1	1	3	-	1
DEUEL	4	-	-	-	-	1	-	-	-	1	2	-	-
DEWEY	4	2	-	-	-	-	1	1	-	-	-	-	-
DOUGLAS	2	-	-	-	-	2	-	-	-	-	-	-	-
EDMUNDS	3	1	-	-	-	-	-	-	-	1	1	-	-
FALL RIVER	3	1	-	-	-	-	1	-	-	-	1	-	-
FAULK	1	1	-	-	-	-	-	-	-	-	-	-	-
GRANT	5	2	-	-	2	-	-	-	-	-	1	-	-
GREGORY	3	2	-	-	-	-	-	-	-	-	1	-	-
HAMLIN	3	1	-	-	-	1	-	-	-	1	-	-	-
HAND	2	2	-	-	-	-	-	-	-	-	-	-	-
HANSON	2	2	-	-	-	-	-	-	-	-	-	-	-
HARDING	1	-	-	-	-	-	-	-	-	1	-	-	-
HUGHES	8	1	-	-	-	4	-	-	-	1	2	-	-
HUTCHINSON	8	2	-	-	-	1	-	-	-	3	-	2	-
HYDE	1	-	-	-	-	-	-	-	-	-	1	-	-
JACKSON	3	1	-	-	-	2	-	-	-	-	-	-	-
JERAULD	1	-	-	-	-	-	-	-	-	1	-	-	-
JONES	3	1	-	-	-	-	-	-	-	1	1	-	-
KINGSBURY	1	1	-	-	-	-	-	-	-	-	-	-	-
LAKE	5	-	-	-	-	2	-	1	-	-	2	-	-
LAWRENCE	10	2	-	-	-	4	-	-	-	-	4	-	-
LINCOLN	7	-	-	-	-	1	1	-	-	1	4	-	-
LYMAN	8	4	1	-	-	-	1	-	-	2	-	-	-
MCCOOK	2	-	-	-	-	1	-	-	-	1	-	-	-
MCPHERSON	2	-	-	-	-	1	-	-	-	1	-	-	-
MARSHALL	7	2	2	-	-	1	-	-	1	-	1	-	-
MEADE	15	3	-	1	-	4	1	-	-	1	5	-	-
MELLETTE	5	2	-	-	-	-	-	-	-	3	-	-	-
MINER	1	-	-	-	-	-	-	-	-	-	1	-	-
MINNEHAHA	59	16	-	1	1	7	3	-	-	7	19	3	2
MOODY	6	4	1	-	-	-	-	-	-	1	-	-	-
PENNINGTON	49	15	1	-	1	5	1	5	-	10	7	4	-
PERKINS	2	-	-	-	1	1	-	-	-	-	-	-	-
POTTER	2	1	-	-	-	-	-	-	-	1	-	-	-
ROBERTS	5	2	-	-	-	1	-	1	-	-	-	1	-
SANBORN	1	1	-	-	-	-	-	-	-	-	-	-	-
SHANNON	22	8	-	-	1	-	3	-	1	1	4	3	1
SPINK	5	2	-	-	-	1	-	-	-	1	1	-	-
STANLEY	4	1	-	2	-	1	-	-	-	-	-	-	-
TODD	14	6	-	-	-	-	2	-	-	1	1	4	-
TRIPP	6	1	-	-	-	-	-	-	-	3	2	-	-
TURNER	4	1	-	-	-	-	-	2	-	-	1	-	-
UNION	5	2	-	-	-	-	-	-	1	-	2	-	-
WALWORTH	2	-	-	-	-	-	-	1	-	1	-	-	-
YANKTON	10	5	-	-	-	2	-	-	-	-	2	-	1
ZIEBACH	2	1	-	-	-	-	-	1	-	-	-	-	-
UNKNOWN	8	-	-	-	1	-	-	-	-	6	1	-	-

Induced Abortions

INDUCED ABORTIONS
AN OVERVIEW: 1984

Total Induced Abortions (Occurrences)	1,673
Total Induced Abortions (Residents)	1,234
Abortion Rate Per 1,000 Live Births	99.3

The state of South Dakota began collecting abortion data in 1973 following the enactment of legislation in March of that year. The first full year of data collected was in 1974. Figures for 1984 show that 1,673 induced abortions were performed in South Dakota, 72 more than in 1974. However, the percentage of those abortions that were obtained by South Dakota residents increased from 57.1 percent in 1974 to 74.0 percent in 1984 (See Figure 14).

There were 1,234 resident abortions in South Dakota, the same as in 1983. The number of resident abortions has increased from 836 in 1974 to 1,234 in 1984, a 48 percent increase (See Table 30).

Residents from surrounding states accounted for 19.8 percent of South Dakota abortions in 1984. Women from Wyoming and Nebraska represented the single highest numbers of out-of-state residents receiving abortions in South Dakota. Also, there were 72 women from Canada that received abortions in South Dakota (See Table 31).

Of the 1,673 women obtaining abortions, 91.3 percent were white and 6.2 percent were Native Americans. Women aged 20-24 years obtained 32.8 percent of all induced abortions followed closely by females 15-19 years of age who accounted for 32.2 percent of the induced abortions. However, the 18, 19, and 20 year old women received the largest number of abortions, as is evidenced by Table 32 showing single age of women obtaining induced abortions.

The majority of women (79.3 percent) obtaining induced abortions in 1984 had no previous abortions, 20.4 percent of the women had one or more previous abortions (See Table 33). Of the women obtaining abortions, 60.9 percent had no living children at the time of the abortion (See Table 34).

FIGURE 14

PERCENT OF SOUTH DAKOTA INDUCED ABORTIONS OBTAINED BY SOUTH DAKOTA RESIDENTS, 1974–1984

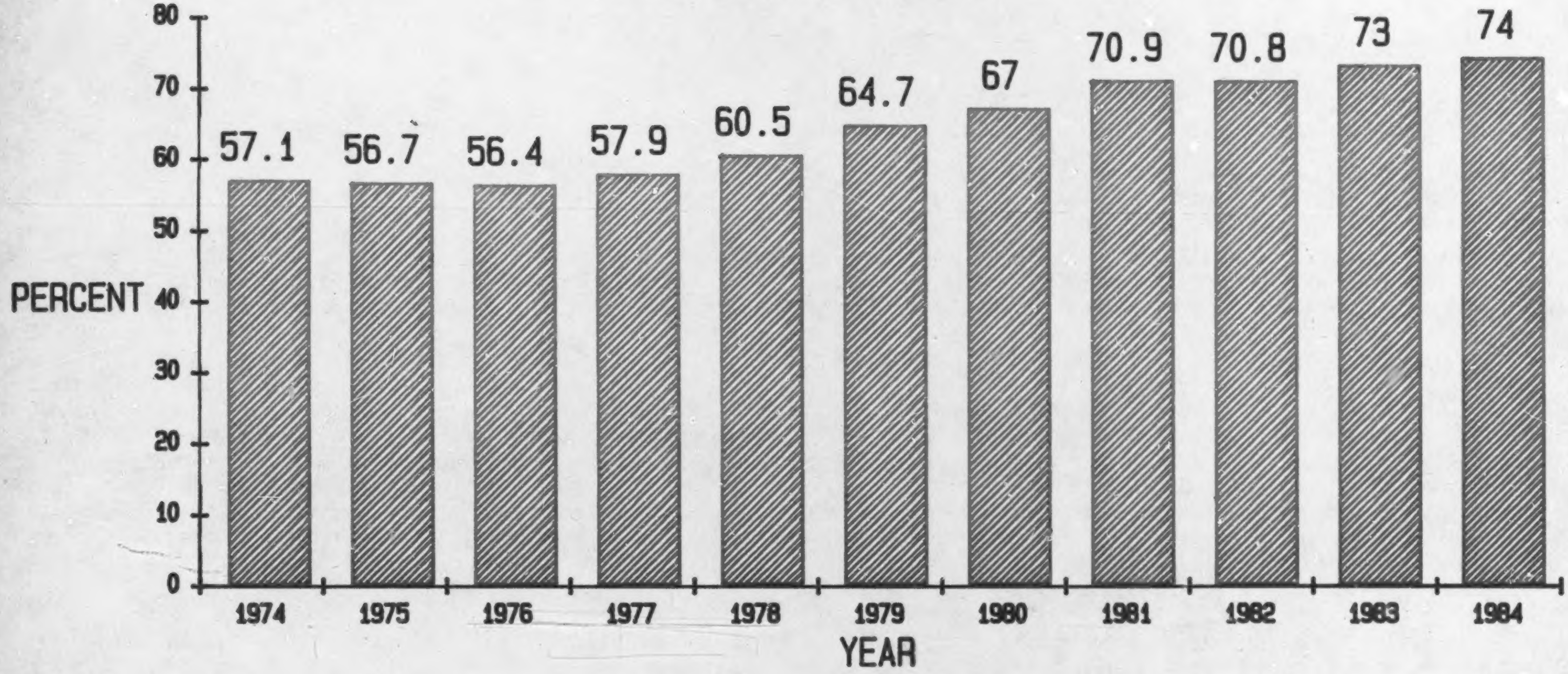

TABLE 30

RESIDENT INDUCED ABORTIONS BY COUNTY OF RESIDENCE AND AGE GROUP, 1984

	TOTAL	AGE OF PATIENT								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	NOT STATED
SOUTH DAKOTA	1234	6	389	410	219	134	47	19	3	7
AURORA	1	-	-	-	-	-	-	1	-	-
BEADLE	24	-	8	8	6	1	1	-	-	-
BENNETT	3	-	2	1	-	-	-	-	-	-
BON HOMME	6	-	3	1	1	-	-	1	-	-
BROOKINGS	65	1	17	31	9	7	-	-	-	-
BROWN	25	-	8	10	4	2	-	1	-	-
BRULE	6	-	2	1	2	-	-	1	-	-
BUTTE	14	1	3	5	2	3	-	-	-	-
CAMPBELL	1	-	1	-	-	-	-	-	-	-
CHARLES MIX	4	-	1	2	-	-	1	-	-	-
CLARK	3	-	-	3	-	-	-	-	-	-
CLAY	41	-	13	19	6	2	1	-	-	-
CODINGTON	16	-	8	4	1	2	-	1	-	-
CORSON	3	-	1	1	1	-	-	-	-	-
CUSTER	14	-	5	4	3	1	1	-	-	-
DAVISON	26	-	5	8	3	6	2	1	-	1
DAY	7	-	6	-	1	-	-	-	-	-
DEUEL	2	-	2	-	-	-	-	-	-	-
DEWEY	10	-	1	4	3	2	-	-	-	-
EDMUNDS	3	-	-	-	3	-	-	-	-	-
FALL RIVER	16	-	6	3	1	1	4	1	-	-
FAULK	1	-	-	1	-	-	-	-	-	-
GRANT	4	1	-	3	-	-	-	-	-	-
GREGORY	5	-	2	1	2	-	-	-	-	-
HAAKON	4	-	-	2	1	1	-	-	-	-
HAMLIN	2	-	1	1	-	-	-	-	-	-
HAND	3	-	-	1	1	1	-	-	-	-
HANSON	2	-	-	2	-	-	-	-	-	-
HARDING	2	-	-	1	-	-	1	-	-	-
HUGHES	35	-	13	11	8	2	1	-	-	-
HUTCHINSON	8	-	4	1	1	2	-	-	-	-
JACKSON	6	-	2	2	-	-	1	-	-	1
JERAULD	4	-	2	-	-	-	2	-	-	-
JONES	3	-	-	2	-	1	-	-	-	-
KINGSBURY	5	-	2	1	2	-	-	-	-	-
LAKE	11	-	5	1	3	1	1	-	-	-
LAWRENCE	77	-	28	18	14	15	1	1	-	-
LINCOLN	13	-	5	4	2	1	-	1	-	-
LYMAN	2	-	-	1	-	-	1	-	-	-
MCCOOK	4	-	-	4	-	-	-	-	-	-
MCPHERSON	1	-	-	-	1	-	-	-	-	-
MEADE	49	1	19	9	10	5	3	2	-	-
MELLETTE	2	-	1	1	-	-	-	-	-	-
MINER	5	-	1	-	2	1	-	-	-	1
MINNEHAHA	254	-	71	96	46	32	8	1	-	-
MOODY	5	-	2	3	-	-	-	-	-	-
PENNINGTON	288	1	94	98	49	32	10	2	-	2
PERKINS	3	-	-	1	2	-	-	-	-	-
POTTER	2	-	1	-	-	-	-	1	-	-
ROBERTS	1	-	1	-	-	-	-	-	-	-
SANBORN	2	-	-	-	2	-	-	-	-	-
SHANNON	25	-	4	8	8	2	2	1	-	-
SPINK	7	-	4	1	1	1	-	-	-	-
STANLEY	5	-	2	1	1	1	-	-	-	-
SULLY	3	-	1	1	-	-	-	1	-	-
TODD	11	-	4	1	4	-	1	1	-	-
TRIPP	10	-	5	2	1	2	-	-	-	-
TURNER	5	1	3	-	1	-	-	-	-	-
UNION	4	-	1	2	-	-	1	-	-	-
WALWORTH	10	-	4	4	-	-	2	-	-	-
YANKTON	28	-	8	11	4	3	1	1	-	-
ZIEBACH	1	-	-	-	-	-	-	-	1	-
UNKNOWN	32	-	7	9	7	4	1	-	2	2

TABLE 31

INDUCED ABORTIONS IN SOUTH DAKOTA BY STATE OF PATIENTS RESIDENCE AND AGE OF PATIENT, 1984

		AGE OF PATIENT								
	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	NOT STATED
	1673	12	539	549	302	163	64	29	4	11
ALABAMA	1	-	-	-	1	-	-	-	-	-
ALASKA	1	-	-	-	-	-	-	1	-	-
CALIFORNIA	1	-	-	1	-	-	-	-	-	-
COLORADO	4	-	-	2	-	1	-	1	-	-
FLORIDA	1	-	-	1	-	-	-	-	-	-
IDAHO	1	-	-	-	-	1	-	-	-	-
ILLINOIS	4	-	2	1	1	-	-	-	-	-
IOWA	65	-	24	23	8	4	4	2	-	-
LOUISIANA	2	-	2	-	-	-	-	-	-	-
MASSACHUSETTS	1	-	-	-	1	-	-	-	-	-
MICHIGAN	5	-	-	3	1	1	-	-	-	-
MINNESOTA	64	2	28	17	11	1	3	2	-	-
MONTANA	21	-	9	7	4	1	-	-	-	-
NEBRASKA	68	-	24	25	15	3	-	1	-	-
NEW YORK	1	-	-	1	-	-	-	-	-	-
NORTH CAROLINA	1	-	-	1	-	-	-	-	-	-
NORTH DAKOTA	39	-	13	8	9	3	4	2	-	-
OHIO	1	-	1	-	-	-	-	-	-	-
OKLAHOMA	1	1	-	-	-	-	-	-	-	-
OREGON	2	-	1	-	1	-	-	-	-	-
PENNSYLVANIA	1	-	-	1	-	-	-	-	-	-
SOUTH DAKOTA	1234	6	389	410	219	134	47	19	3	7
TEXAS	2	-	-	1	1	-	-	-	-	-
WISCONSIN	2	-	1	1	-	-	-	-	-	-
WYOMING	74	-	22	27	14	7	2	1	-	1
CANADA	72	3	22	19	16	7	4	-	1	-
NOT STATED	4	-	1	-	-	-	-	-	-	3

TABLE 32

INDUCED ABORTIONS OCCURRING IN SOUTH DAKOTA BY AGE AND RACE OF PATIENT, 1984

	TOTAL	PATIENT'S RACE				
		WHITE	INDIAN	BLACK	OTHER	NOT STATED
	1673	1527	104	12	23	7
PATIENT'S AGE						
10	1	1	-	-	-	-
13	2	2	-	-	-	-
14	9	9	-	-	-	-
15	21	21	-	-	-	-
16	70	66	3	-	1	-
17	131	126	5	-	-	-
18	154	144	9	-	1	-
19	163	150	9	2	2	-
20	140	132	8	-	-	-
21	120	117	3	-	-	-
22	128	115	12	1	-	-
23	76	72	2	2	-	-
24	85	74	9	1	1	-
25	71	62	2	4	3	-
26	77	59	10	2	4	2
27	51	45	4	-	2	-
28	59	50	9	-	-	-
29	44	38	5	-	1	-
30	34	29	4	-	1	-
31	42	38	3	-	1	-
32	36	34	1	-	1	-
33	24	22	1	-	1	-
34	27	26	-	-	1	-
35	15	14	1	-	-	-
36	17	16	1	-	-	-
37	15	14	1	-	-	-
38	10	8	1	-	1	-
39	7	7	-	-	-	-
40	10	10	-	-	-	-
41	5	5	-	-	-	-
42	5	5	-	-	-	-
43	2	2	-	-	-	-
44	7	6	-	-	1	-
45	1	1	-	-	-	-
46	1	1	-	-	-	-
49	2	2	-	-	-	-
NOT STATED	11	4	1	-	1	5

TABLE 33

INDUCED ABORTIONS OCCURRING IN SOUTH DAKOTA BY NUMBER OF PREVIOUS ABORTIONS AND AGE OF MOTHER, 1984

	TOTAL	AGE OF PATIENT								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	NOT STATED
	1673	12	539	549	302	163	64	29	4	11
PREVIOUS ABORTIONS										
NONE	1327	12	493	424	202	115	44	25	4	8
1	265	-	46	106	67	30	13	3	-	-
2	59	-	-	15	24	13	7	-	-	-
3	15	-	-	3	7	4	-	-	-	1
4	2	-	-	1	1	-	-	-	-	-
7	1	-	-	-	-	1	-	-	-	-
NOT STATED	4	-	-	-	1	-	-	1	-	2

TABLE 34
INDUCED ABORTIONS OCCURRING IN SOUTH DAKOTA BY PATIENT'S AGE AND NUMBER OF LIVING CHILDREN, 1964

		NUMBER OF LIVING CHILDREN									
	TOTAL	NONE	1	2	3	4	5	6	7	9	NOT STATED
	1673	1019	289	197	92	40	12	6	2	2	14
PATIENT'S AGE											
10	1	1	-	-	-	-	-	-	-	-	-
~~13~~	2	2	-	-	-	-	-	-	-	-	-
14	9	9	-	-	-	-	-	-	-	-	-
15	21	20	-	-	1	-	-	-	-	-	-
16	70	69	1	-	-	-	-	-	-	-	-
17	131	125	6	-	-	-	-	-	-	-	-
18	154	145	7	-	-	-	-	-	-	-	2
19	163	140	19	4	-	-	-	-	-	-	-
20	140	111	23	6	-	-	-	-	-	-	-
21	120	84	26	8	1	-	-	-	-	-	1
22	128	84	25	16	2	-	-	-	-	-	1
23	76	53	19	3	1	-	-	-	-	-	-
24	85	39	27	11	5	-	-	-	-	-	3
25	71	30	21	16	3	1	-	-	-	-	-
26	77	24	20	20	7	2	4	-	-	-	-
27	51	13	19	14	4	1	-	-	-	-	-
28	59	15	12	16	8	7	-	-	-	-	1
29	44	10	12	12	7	3	-	-	-	-	-
30	34	10	6	10	6	1	-	-	1	-	-
31	42	9	6	16	8	3	-	-	-	-	-
32	36	7	11	9	1	5	3	-	-	-	-
33	24	6	5	6	6	1	-	-	-	-	-
34	27	4	6	4	9	2	1	1	-	-	-
35	15	2	6	4	1	2	-	-	-	-	-
36	17	1	1	10	2	3	-	-	-	-	-
37	15	1	4	5	3	-	-	1	-	1	-
38	10	-	1	2	3	2	1	1	-	-	-
39	7	-	-	2	3	1	1	-	-	-	-
40	10	-	4	-	2	3	-	1	-	-	-
41	5	-	-	1	3	1	-	-	-	-	-
42	5	-	-	-	3	1	1	-	-	-	-
43	2	-	-	-	1	-	-	1	-	-	-
44	7	2	-	1	1	1	-	1	-	1	-
45	1	-	-	-	1	-	-	-	-	-	-
46	1	-	-	-	-	-	1	-	-	-	-
49	2	2	-	-	-	-	-	-	-	-	-
NOT STATED	11	1	2	1	-	-	-	-	1	-	6

Marriages and Divorces

MARRIAGE AND DIVORCE
AN OVERVIEW: 1984

Total Marriages	8,057
S.D. Marriage Rate per 1,000 Population	11.5
U.S. Marriage Rate per 1,000 Population	10.5
Mean Age of Bride	26
Mean Age of Groom	29
Total Divorces and Annulments	2,498
S.D. Divorce Rate per 1,000 Population	3.4
U.S. Divorce Rate per 1,000 Population	4.9
Median Duration of Marriage at Divorce	6

Marriages

In 1984, 8,057 marriages were performed in South Dakota (See Tables 35 and 36). This number is up slightly from the 8,013 marriages performed in 1983. The marriage rate did not change from 1983 to 1984; it was 11.5 for both years. South Dakota's rate remained above the national rate of 10.5, a trend that has not varied since 1960.

Most of the marriages occurring in South Dakota were between those 20-24 years old. The average ages for brides and grooms were 26 and 29, respectively. Just over half of all marriages, 56.6 percent occurred between couples in which neither the bride nor the groom had been married before.

Brides in the 25-29 age group and grooms in the 30-34 age group comprised the largest groups of those who have been previously married. Of those married before, 89 percent were divorced. The average age for brides who had been divorced was 33. The average age for grooms of the same marital status was 37.

Of those married in South Dakota, the majority of couples, 66.9 percent, consisted of resident brides and grooms. In nearly a quarter (24.6 percent) of all marriages performed in 1984, both partners were from out of state.

Divorces

The number of couples seeking divorces or annulments declined from 2,556 in 1983 to 2,498 in 1984 (See Table 37). The rate for marital terminations continued to decline from the all-time high of 4.1 in 1980 to 3.6 in 1984. These rates have been consistently lower than the national rate, which was 4.9 in 1984.

The median duration of a marriage at the time of divorce or annulment was six years. However, the largest number of marital terminations occurred among those married 16 or more years.

The number of divorces with minor children involved declined again in 1984 to 1,501. This is a 4.8 decline from 1983 and an 11.1 decline from 1980.

TABLE 35

COUNTY OF MARRIAGE AND NUMBER OF LICENSES ISSUED, 1984

	NUMBER OF LICENSES ISSUED	NUMBER OF MARRIAGES PERFORMED
SOUTH DAKOTA	8057	8057
AURORA	17	21
BEADLE	184	172
BENNETT	58	52
BON HOMME	57	74
BROOKINGS	262	208
BROWN	459	403
BRULE	44	51
BUFFALO	4	4
BUTTE	109	87
CAMPBELL	17	16
CHARLES MIX	63	77
CLARK	25	36
CLAY	119	127
CODINGTON	445	432
CORSON	22	24
CUSTER	74	83
DAVISON	233	200
DAY	78	95
DEUEL	38	57
DEWEY	23	31
DOUGLAS	18	21
EDMUNDS	34	34
FALL RIVER	112	111
FAULK	11	22
GRANT	188	181
GREGORY	47	48
HAAKON	13	13
HAMLIN	14	36
HAND	25	44
HANSON	8	10
HARDING	14	13
HUGHES	259	240
HUTCHINSON	34	51
HYDE	13	15
JACKSON	16	18
JERAULD	15	23
JONES	14	16
KINGSBURY	36	54
LAKE	90	87
LAWRENCE	230	262
LINCOLN	64	76
LYMAN	8	14
MCCOOK	32	48
MCPHERSON	30	41
MARSHALL	23	36
MEADE	141	170
MELLETTE	25	25
MINER	29	32
MINNEHAHA	1571	1447
MOODY	46	60
PENNINGTON	1244	1202
PERKINS	29	30
POTTER	25	28
ROBERTS	210	215
SANBORN	15	22
SHANNON	6	12
SPINK	63	68
STANLEY	25	20
SULLY	15	18
TODD	-	5
TRIPP	81	82
TURNER	44	69
UNION	433	430
WALWORTH	63	68
YANKTON	290	273
ZIEBACH	23	17

TABLE 36

MARRIAGES BY COUNTY OF OCCURRENCE BY RESIDENCE STATUS OF BRIDE AND GROOM, 1984

		BRIDE OUT OF STATE RESIDENCE		BRIDE SOUTH DAKOTA RESIDENCE	
	TOTAL	GROOM OUT OF STATE RESIDENCE	GROOM SOUTH DAKOTA RESIDENCE	GROOM OUT OF STATE RESIDENCE	GROOM SOUTH DAKOTA RESIDENCE
SOUTH DAKOTA	8057	1983	134	550	6390
AURORA	21	1	-	2	18
BEADLE	172	10	-	11	151
BENNETT	52	18	1	6	27
BON HOMME	74	11	2	3	58
BROOKINGS	208	44	7	8	149
BROWN	403	42	5	41	315
BRULE	51	4	-	4	43
BUFFALO	4	-	-	-	4
BUTTE	87	24	2	6	55
CAMPBELL	16	3	1	2	10
CHARLES MIX	77	4	1	2	70
CLARK	36	1	-	3	32
CLAY	127	28	-	12	87
CODINGTON	432	217	4	12	199
CORSON	24	2	-	3	19
CUSTER	83	24	2	11	46
DAVISON	200	23	2	8	167
DAY	95	20	1	8	66
DEUEL	57	18	-	1	38
DEWEY	31	1	-	-	30
DOUGLAS	21	2	1	3	15
EDMUNDS	34	2	-	2	30
FALL RIVER	111	37	1	8	65
FAULK	22	-	1	-	21
GRANT	181	98	4	11	68
GREGORY	48	5	1	4	38
HAAKON	13	1	-	1	11
HAMLIN	36	1	1	-	34
HAND	44	2	1	2	39
HANSON	10	1	-	1	8
HARDING	13	6	1	1	5
HUGHES	240	20	3	10	207
HUTCHINSON	51	2	-	6	43
HYDE	15	1	-	3	11
JACKSON	18	2	-	-	16
JERAULD	23	2	-	2	19
JONES	16	3	-	1	12
KINGSBURY	54	3	1	2	48
LAKE	87	5	1	4	77
LAWRENCE	262	62	3	15	182
LINCOLN	76	3	-	8	65
LYMAN	14	1	-	-	13
MCCOOK	48	7	-	2	39
MCPHERSON	41	3	2	3	33
MARSHALL	36	7	-	7	22
MEADE	170	21	1	16	132
MELLETTE	25	-	1	-	24
MINER	32	2	-	1	29
MINNEHAHA	1447	279	25	91	1052
MOODY	60	11	-	3	46
PENNINGTON	1202	256	35	144	767
PERKINS	30	1	1	3	25
POTTER	28	6	1	-	21
ROBERTS	215	135	1	8	71
SANBORN	22	3	1	-	18
SHANNON	12	-	-	-	12
SPINK	68	2	2	1	63
STANLEY	20	2	-	-	18
SULLY	18	2	1	1	14
TODD	5	-	-	-	5
TRIPP	82	13	2	5	62
TURNER	69	7	1	2	59
UNION	430	365	7	7	51
WALWORTH	68	5	2	6	55
YANKTON	273	102	4	22	145
ZIEBACH	17	-	-	1	16

TABLE 37

MARITAL TERMINATIONS BY COUNTY OF RESIDENCE OF PARTY TO WHOM GRANTED, 1984

	TOTAL	GRANTED TO WIFE	GRANTED TO HUSBAND
SOUTH DAKOTA	2498	1784	714
AURORA	12	8	4
BEADLE	67	50	17
BENNETT	9	7	2
BON HOMME	11	9	2
BROOKINGS	85	68	17
BROWN	150	117	33
BRULE	15	12	3
BUFFALO	1	1	0
BUTTE	42	26	16
CAMPBELL	2	0	2
CHARLES MIX	15	10	5
CLARK	12	7	5
CLAY	31	26	5
CODINGTON	83	63	20
CORSON	12	7	5
CUSTER	26	18	8
DAVISON	54	39	15
DAY	15	12	3
DEUEL	11	9	2
DEWEY	10	6	4
DOUGLAS	4	3	1
EDMUNDS	9	6	3
FALL RIVER	49	38	11
FAULK	6	4	2
GRANT	21	14	7
GREGORY	9	6	3
HAAKON	15	12	3
HAMLIN	9	8	1
HAND	4	3	1
HANSON	5	4	1
HARDING	3	1	2
HUGHES	59	42	17
HUTCHINSON	4	4	0
HYDE	5	3	2
JACKSON	4	2	2
JERAULD	5	5	0
JONES	4	3	1
KINGSBURY	12	10	2
LAKE	25	18	7
LAWRENCE	88	57	31
LINCOLN	34	22	12
LYMAN	8	4	4
MCCOOK	15	11	4
MCPHERSON	3	1	2
MARSHALL	12	5	7
MEADE	75	51	24
MELLETTE	6	3	3
MINER	5	3	2
MINNEHAHA	590	439	151
MOODY	12	10	2
PENNINGTON	478	304	174
PERKINS	10	8	2
POTTER	7	6	1
ROBERTS	19	15	4
SANBORN	3	2	1
SHANNON	4	3	1
SPINK	19	15	4
STANLEY	10	8	2
SULLY	6	6	0
TODD	14	10	4
TRIPP	22	16	6
TURNER	21	16	5
UNION	33	26	7
WALWORTH	24	17	7
YANKTON	50	35	15
ZIEBACH	2	1	1
OUT OF STATE	13	9	4

TABLE 38

MARITAL TERMINATIONS BY NUMBER OF CHILDREN AFFECTED AND AGE OF MOTHER, 1984

	TOTAL	NUMBER OF CHILDREN								
		NONE	1 CHILD	2 CHILDREN	3 CHILDREN	4 CHILDREN	5 CHILDREN	6 CHILDREN	7 CHILDREN	8 OR MORE
TOTAL	2498	997	650	595	200	45	5	3	2	1
MOTHER'S AGE										
15-19	6	2	1	3	-	-	-	-	-	-
20-24	145	55	53	32	4	1	-	-	-	-
25-29	123	34	32	35	16	5	-	1	-	-
30-34	92	20	20	33	15	2	2	-	-	-
35-39	70	18	12	22	13	5	-	-	-	-
40-44	44	14	13	8	8	1	-	-	-	-
45-49	17	8	6	3	-	-	-	-	-	-
50-54	16	13	1	2	-	-	-	-	-	-
55-59	4	4	-	-	-	-	-	-	-	-
60-64	5	5	-	-	-	-	-	-	-	-
65-69	4	4	-	-	-	-	-	-	-	-
75+	1	1	-	-	-	-	-	-	-	-
UNKNOWN	1971	819	512	457	144	31	3	2	2	1

Communicable Diseases

COMMUNICABLE DISEASE MORBIDITY

The South Dakota Department of Health is authorized by SDCL 34-22-12 to collect and process mandatory reports of communicable diseases from physicians, hospitals, laboratories, and institutions. This includes designating certain diseases as "reportable" as well as establishing the mechanics for reporting communicable diseases, control measures, and the use of quarantine procedures.

VACCINE-PREVENTABLE DISEASES

Remarkable accomplishments have been made in reducing vaccine-preventable disease morbidity and mortality during the past 15 years. Factors contributing to disease reduction during this period include enacting a statewide compulsory school immunization law in 1971; implementating child-care facility immunization standards; providing new vaccines in public clinics (measles vaccine distribution began in 1967, rubella in 1969, and mumps in 1976); and, since 1978, providing adequate free supplies of all childhood vaccines for private and public clinic use.

Immunization activities in South Dakota have been greatly intensified since 1977. A National Childhood Immunization Initiative (April 1977 - October 1979) defined and achieved two major goals: (1) ensuring that at least 90 percent of the nation's children had received needed vaccines, and (2) developing a permanent system to maintain this level of protection.

In 1984, and for the fifth consecutive year, there were no cases of measles reported in South Dakota. Likewise, there were no cases of diphtheria or polio. In fact, South Dakota has been polio-free since 1964. There was one (1) reported case of tetanus in 1984.

There were also no cases of rubella reported in South Dakota during 1984. Rubella is a common childhood rash disease that is often overlooked or misdiagnosed. By far, the most important consequences of rubella are the fetal deaths and anomalies that frequently result from rubella infection in early pregnancy. Preventing infection of the fetus and consequently congenital rubella syndrome is a major objective of rubella immunization programs. Rubella morbidity in South Dakota has also been significantly affected by measles elimination activities, since immunization programs generally have utilized a combined measles-mumps-rubella vaccine. One delayed case of congenital rubella syndrome that occurred in 1978 was reported in South Dakota in 1983, the first since 1974.

During 1984, a total of 8 cases of pertussis was reported in South Dakota. Complications of pertussis include pneumonia, otitis media, atelectasis, emphysema, bronchietasis, convulsions, and brain damage. Death occurs in one percent or less of infections. The disease is most severe in young infants; 70 percent of all deaths occur during the first year of life. The efficacy of the current pertussis vaccine and its generalized use, have resulted in remarkable reductions in pertussis morbidity and mortality over the past five decades.

VENEREAL DISEASES

Gonorrhea

In South Dakota, gonorrhea continues to rank first among reported communicable diseases. The number of cases of gonorrhea reported in South Dakota decreased from 1,067 in 1983 to 1,055 in 1984, a reduction of 1.1 percent. The 1984 gonorrhea incidence showed a decline for the sixth consecutive year; it represented a new low; and, it was less than one-half of the reported incidence in 1974 (2,254 cases). South Dakota's 1984 gonorrhea case rate is 153 per 100,000 population, which is less than one-half that of the national case rate (388).

The incidence of gonorrhea has generally been highest in the sexually active age groups, with a peak among 20-24 year-olds of both sexes. Gonorrhea rates among males and females is about the same, suggesting that control program elements are properly balanced.

Gonorrhea is more often reported in Indians than in whites. The gonorrhea case rate among Indians in South Dakota approaches nearly 1,000 per 100,000 population and represents 40.8 percent of the total reported statewide morbidity.

Pelvic inflammatory disease (PID) is a major complication of untreated gonorrhea in women. Since 1978, the South Dakota Department of Health has undertaken a program directed toward the identification of women with these complications. Gonococcal pelvic inflammatory disease (GPID) results in significant medical problems. It is linked with recurrent pelvic infections, ectopic pregnancy, and sterility. The economic costs associated with these conditions are very high.

Epidemiologic follow-up of sexual contacts to women with GPID revealed over 25 percent of asymptomatic male sex partners as major sources of infection. Without epidemiologic intervention, these asymptomatic males often did not seek medical care and, therefore, continued to infect others.

In 1981, the first case of penicillinase-producing Neisseria gonorrhoeae (PPNG) was reported in South Dakota. This strain of gonorrhea, which is resistant to treatment with penicillin, is viewed as a serious threat to gonorrhea control programs throughout the United States. During 1984, no PPNG cases were reported in South Dakota.

Syphillis

Seven cases of early, infectious syphilis (primary, secondary, and early latent of less than one year's duration) were reported in South Dakota during 1984. This represents a case rate of 1.0 per 100,000 population (national case rate is 14 per 100,000). Epidemiologic evidence supports the assumption that South Dakota is free of indigenously acquired or transmitted syphilis. Accordingly, the occurrence of an early syphilis case in South Dakota is considered a medical emergency by the South Dakota Department of Health, and it receives immediate epidemiologic action.

Other Venereal Diseases

Other sexually transmitted diseases believed to be widespread in South Dakota are herpes simplex and Chlamydia trachomatis. Neither is reportable so estimates of annual incidence are based on national studies and laboratory results. The annual incidence of both sexually transmitted herpes simplex and chlamydia infections is estimated to be about twice that of reported gonorrhea. That would place national incidence at 2 million cases of each disease annually; in South Dakota, the estimate would be 2,200 cases each per year.

TUBERCULOSIS

During 1984, 25 cases of tuberculosis were reported in South Dakota, 21 cases less than were reported in 1983. This is a continuation of an observed, long-term trend decrease in the number of reported cases; the total number of reported cases in 1951 was 2,000. The number of deaths attributed to tuberculosis in 1984 was 3. Of the reported 1984 cases, 19 (76 percent) were Indians. Extra-pulmonary disease accounted for 7 (28 percent) of total reported 1984 cases.

South Dakota's 1984 reported tuberculosis incidence represents a case rate of about 3.5 per 100,000 population. This compares with a national case rate of 12 per 100,000 population, ranking South Dakota among the lowest of the 50 states.

A matter of concern in South Dakota as well as at the national level is the occurrence of tuberculosis in young children (under five years of age). Each such case represents a double failure: a failure to interrupt transmission of infection from a case of tuberculosis and a failure to prevent, through drug prophylaxis, the emergence of disease in such an infected child. In 1984, there was no incidence of new tuberculosis among children in this age group.

Although the number of tuberculosis cases has declined, tuberculosis remains a significant public health problem because of its communicability and serious health implications if left untreated.

FIGURE 15

REPORTED MORBIDITY FOR GONORRHEA SOUTH DAKOTA, 1975-1984

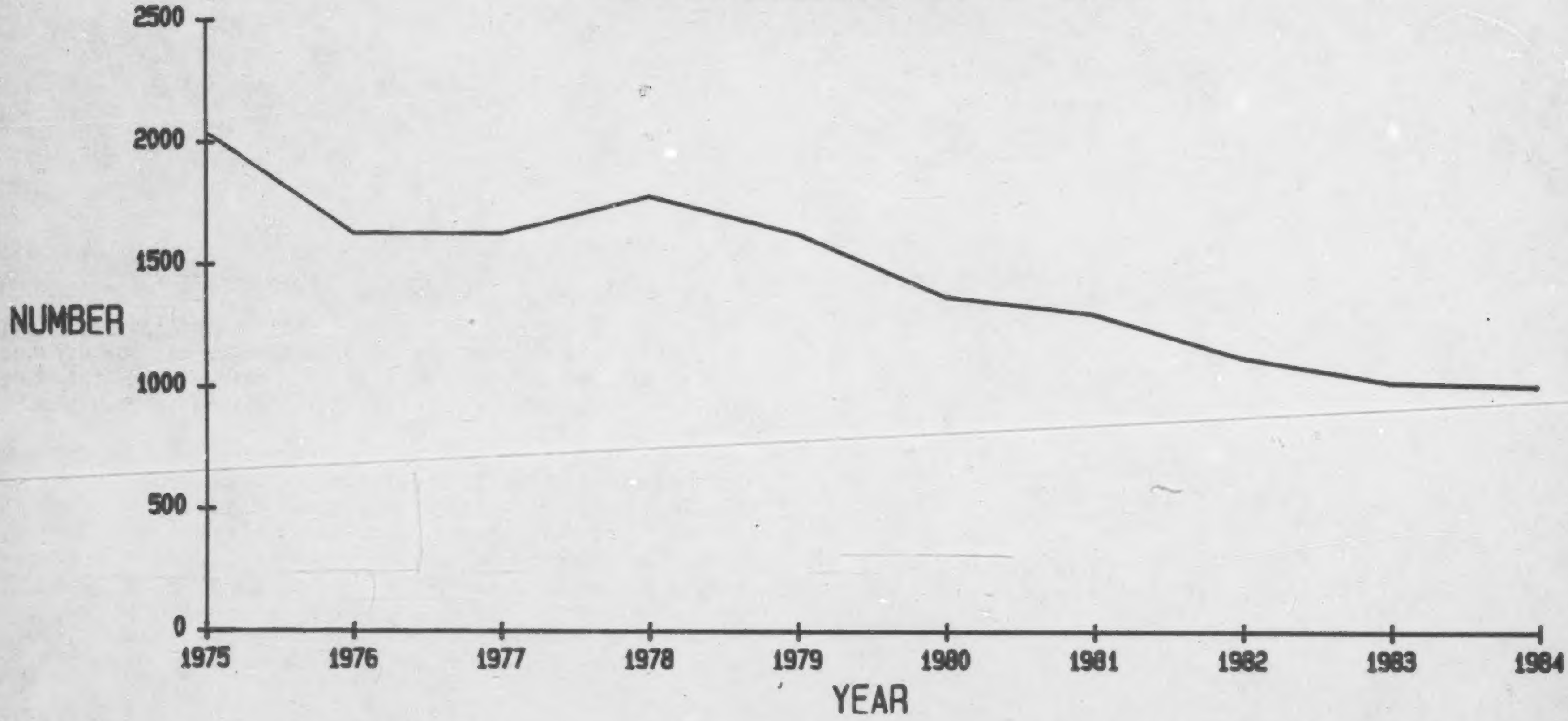

FIGURE 16

REPORTED MORBIDITY FOR SYPHILIS* SOUTH DAKOTA, 1975–1984

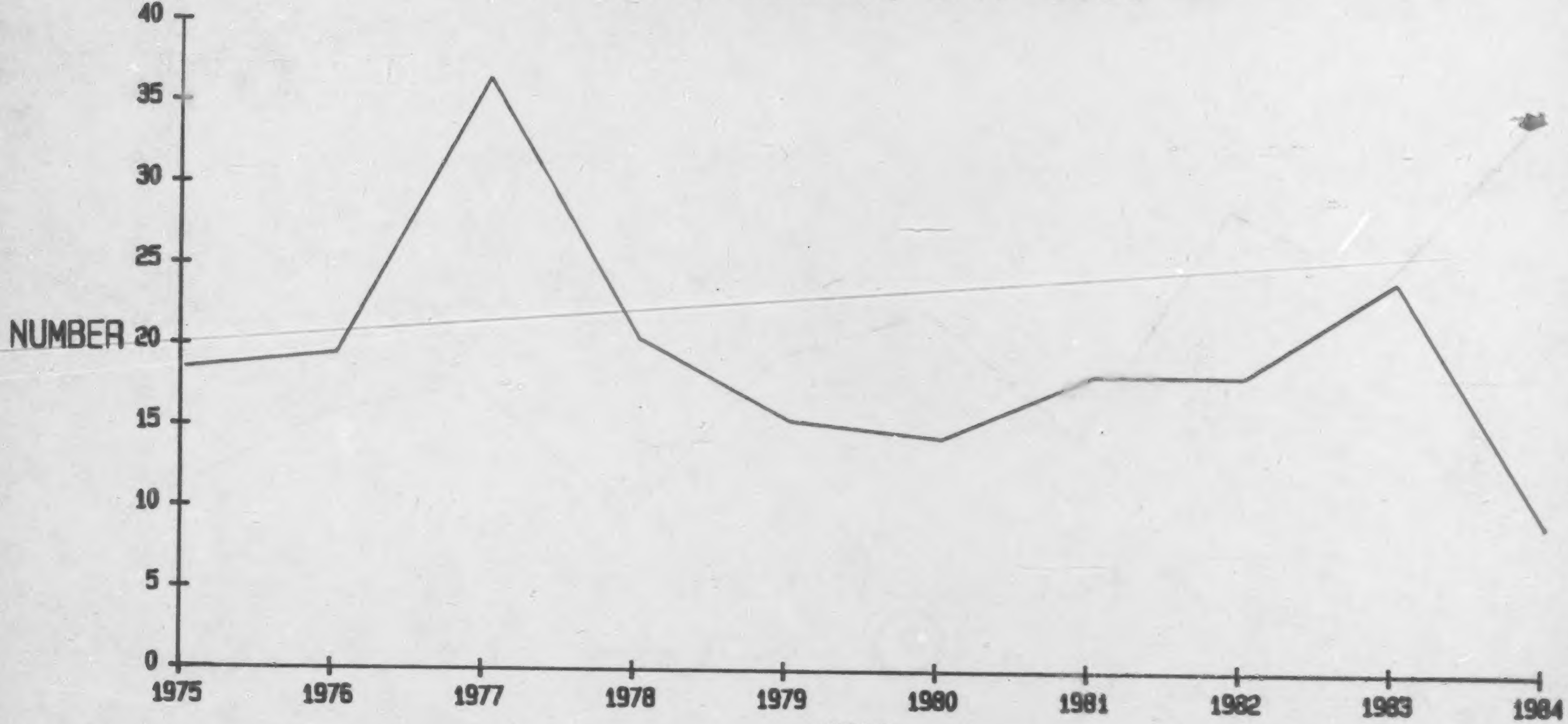

FIGURE 17

REPORTED MORBIDITY FOR TUBERCULOSIS SOUTH DAKOTA, 1975–1984

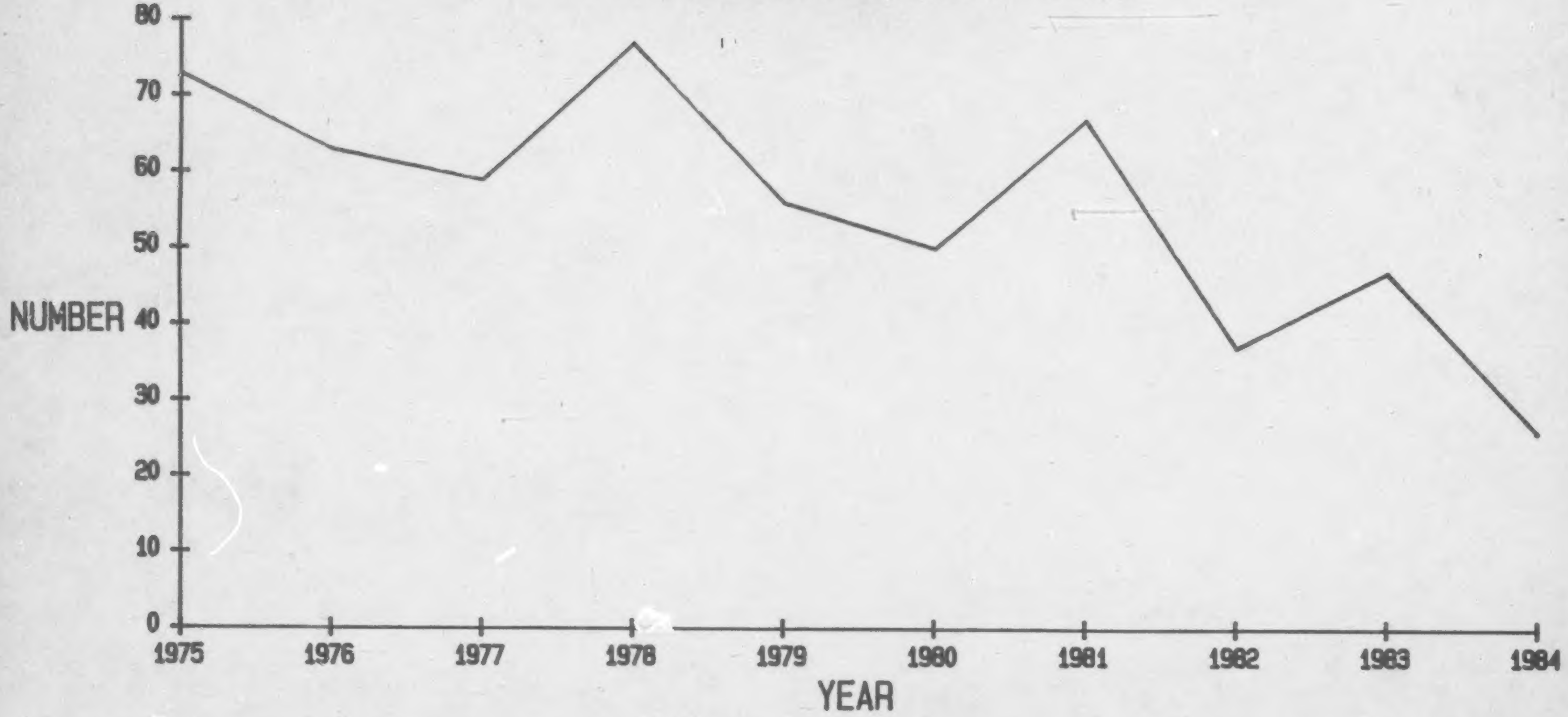

TABLE 39

REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES, SOUTH DAKOTA, 1975-1984

DISEASE	1984	1983	1982	1981	1980	1979	1978	1977	1976	1975
South Dakota Population	696,694	696,694	696,694	690,768	690,768	688,838	690,213	687,590	685,563	680,811
Amebiasis	3	1	-	-	-	2	-	1	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-
Botulism:										
Foodborne	-	-	-	-	-	-	-	-	-	-
Infant	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	4	1	1	3	2	2	1	2	-
Chickenpox	1,362	645	271	995	1,115	635	441	872	85	151
Cholera	-	-	-	-	-	-	-	-	-	-
Dengue	-	-	-	-	-	-	-	-	-	-
Diptheria	-	-	-	-	-	-	-	-	3	-
Encephalitis:										
Primary	2	1	-	1	-	1	-	6	1	29
Post-infectious	1	1	1	1	-	1	-	-	-	-
Giardiasis	253	196	100	38	58	20	1	-	-	-
Hepatitis (viral):										
A (infectious)	206	187	14	38	72	207	242	34	89	39
B (serum)	26	17	17	8	8	19	14	12	5	8
non-A, non-B[1]	5	3	-	-	-	-	-	-	-	-
Unspecified	-	1	1	2	2	-	24	5	-	-
Influenza	10,830	3,312	526	2,653	2,422	2,965	2,011	1,682	752	204
Legionellosis	2	1	-	-	-	1	-	-	-	-
Leprosy (Hansen's disease)	-	-	1	-	-	-	-	-	-	-
Leptospirosis	-	-	-	1	-	-	-	-	-	-
Malaria	1	1	-	1	-	1	1	1	3	-
Measles (total)[2]	-	-	-	-	-	2	-	75	5	353
Indigenous	-	-	-	-	-	-	-	-	-	-
Imported	-	-	-	-	-	-	-	-	-	-
Meningococcal Infections	6	4	11	10	6	4	4	6	3	-
Meningitis:										
Aseptic	9	22	8	8	13	3	4	2	2	-
Bacterial	58	52	65	50	38	37	26	28	6	1
Mumps	-	-	1	1	3	11	11	59	11	6
Pertussis	8	6	6	2	3	-	11	1	4	1
Plague	-	-	-	-	-	-	-	-	-	-
Poliomyelitis:										
Paralytic	-	-	-	-	-	-	-	-	-	-
Nonparalytic	-	-	-	-	-	-	-	-	-	-
Unspecified	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-
Rabies										
In Animals	218	149	116	323	472	143	98	139	142	49
In Humans	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever (acute)	2	1	1	-	-	-	-	-	1	-
Rocky Mountain Spotted Fever	5	5	4	-	2	-	7	2	3	-
Rubella	-	-	-	-	2	5	112	89	21	17
Rubella, Congenital Syndrome	-	1	-	-	-	-	-	-	-	-
Salmonellosis	82	135	103	165	98	90	102	56	54	50
Scarlet Fever[3]	17	17	56	-	-	-	-	-	-	-
Shigellosis	113	116	114	68	113	73	185	49	28	50
Smallpox	-	-	-	-	-	-	-	-	-	-
Streptococcal Pharyngitis	3,106	2,016	1,993	1,301	2,707	4,631	3,509	5,640	6,528	5,287
Tetanus	1	-	-	-	-	-	1	-	1	-
Toxic-Shock Syndrome[4]	3	3	6	7	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-
Tuberculosis	25	46	36	66	49	55	76	58	62	72
Tularemia	34	10	1	3	1	2	-	2	1	-
Typhoid Fever	-	-	-	1	1	-	-	-	1	-
Typhus Fever	-	-	-	-	-	-	-	-	-	-
Venereal Diseases:										
Chancroid	-	-	-	-	-	-	-	-	-	-
Gonorrhea	1,055	1,067	1,164	1,339	1,406	1,660	1,812	1,656	1,652	2,062
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-
Lymphogranuloma Venereum	-	-	-	-	-	1	-	-	-	-
Syphilis	9	24	18	18	14	15	20	36	19	18
Yellow Fever	-	-	-	-	-	-	-	-	-	-

[1] Not reportable before 1982.
[2] Only total measles cases reported before 1982.
[3] Scarlet fever cases included with streptococcal pharyngitis cases before 1982.
[4] Not reportable before 1981.

TABLE 40

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH OF REPORT
SOUTH DAKOTA, 19[illegible]

DISEASE	TOTAL	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Amebiasis	3	-	-	-	-	1	-	1	-	-	1	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism:													
Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-
Infant	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox	1,362	211	265	206	232	175	51	64	23	-	31	32	72
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis:													
Primary	2	-	-	-	-	-	-	-	-	1	1	-	-
Post-infectious	1	-	-	-	-	-	-	1	-	-	-	-	-
Giardiasis	253	8	15	19	14	13	19	27	29	24	29	33	23
Hepatitis (viral):													
A (infectious)	206	41	25	22	12	15	16	7	11	4	26	10	17
B (serum)	26	2	1	4	2	1	3	4	1	1	1	4	2
non-A, non-B	5	-	-	1	-	1	-	-	-	-	1	1	1
Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza	10,830	117	5,313	3,190	400	14	2	3	6	-	712	616	457
Legionellosis	1	-	-	-	1	-	1	-	-	-	-	-	-
Leprosy (Hansen's disease)	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	1	-	-	-	-	-	-	-	-	1	-	-	-
Measles:													
Indigenous	-	-	-	-	-	-	-	-	-	-	-	-	-
Imported	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infections	6	1	-	1	1	3	-	-	-	-	-	-	-
Meningitis:													
Aseptic	9	1	-	1	-	-	-	-	1	1	1	4	-
Bacterial	58	7	5	2	6	8	5	-	5	4	6	5	5
Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	8	-	-	1	-	1	2	2	1	-	1	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis:													
Paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonparalytic	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies:													
In Animals	218	9	14	22	22	26	20	20	18	12	19	21	15
In Humans	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever (acute)	2	-	-	-	-	-	-	1	-	-	-	-	1
Rocky Mountain Spotted Fever	5	-	-	-	-	-	3	1	-	1	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella, Congenital Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	82	4	4	5	6	5	3	12	16	6	5	7	9
Scarlet fever	17	8	3	-	1	-	-	-	1	-	-	2	2
Shigellosis	113	4	8	11	9	9	4	5	8	13	21	11	10
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal Pharyngitis	3,106	370	412	175	286	227	142	120	149	214	254	319	437
Tetanus	1	-	-	-	-	-	-	1	-	-	-	-	-
Toxic-shock Syndrome	3	-	1	-	-	-	-	1	1	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	25	1	-	4	-	3	3	4	2	1	[illegible]	1	3
Tularemia	34	-	-	-	-	-	3	21	7	2	1	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Venereal Diseases:													
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-
Gonorrhea	1,055	94	138	69	55	90	71	65	85	81	128	97	82
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-
Lymphogranuloma Venereum	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis	9	-	-	-	1	3	-	-	-	-	2	1	2
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-

Technical Notes

TECHNICAL NOTES

A. SOURCES OF DATA

Vital Events

Birth and death certificates, reports of fetal deaths, and induced abortion reports are the source documents for data on vital events of South Dakota during the 1984 calendar year. A copy of each of these types of certificates is included in the Samples of Data Collection Section. Marriage and divorce data are compiled from transcripts which are received from each county. Copies of a marriage certificate and of the record of divorce are also included in the samples of Data Collection section.

The cut-off date for 1984 data in this report was April 15, 1985. Any date pertaining to a 1984 event for which a certificate was filed after April 15, 1985 are not included in this report. The number of records received after that date is so small that in most instances, it is of little significance for the purpose of analysis.

Events relating to South Dakota residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death records are the responsibility of the person in attendance, however the records are usually completed by medical records personnel who are not necessarily present at the delivery. Death records are the responsibility of the funeral director. These records are seldom completed by hospital personnel or physicians, although the medical certification is completed by a physician or coroner.

Population

The July 1, 1983 provisional county populations used in this publication are estimates prepared through the Federal State Cooperative Program For Local Population Estimates. The county estimates are based on an average of a regression (ratio-correlation) method and an adminstrative records method.

The regression method uses a multiple regression equation to relate changes in the distribution of selected data to changes in the distribution of population among counties. The selected data used in the regression method are: federal income tax returns, resident births, resident deaths, and registered motor vehicles. The administrative records method is a component method that incorporates various subsets of data to determine population estimates. The subsets include: individual federal income income tax returns to measure the net intercounty migration of the non-group quarters populations under 65 years old; reported resident births and deaths to estimate net natural changes; and data on Medicare enrollees to estimate the population 65 years of age and over. This method uses additional population data, such as, inmates of institutions, college students in dormitories, military personnel living in barracks, immigration from abroad and net movement between the military and civilian population.

The provisional population estimates are developed by averaging estimates from the regression and administrative records methods and controlling estimates to the corresponding state estimates.

B. DATA DELIMITATIONS

Quality

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates.

Medical Certification

Causes of death on death certificates and medical data on birth certificates are coded according to the ninth revision of the International Classification of Diseases (ICD). This classification is adopted by the World Health Organization and is used throughout the world for selecting the underlying cause of death and classifying the cause.

Race

The race reported on the vital records reflects the opinion of the informant and does not follow any prescribed rules for the reporting of race. This report shows tabulations for white, Indian, and other. Persons classified as other are few in South Dakota and tabulations reflecting these events are relatively meaningless.

Birth data is tabulated using the race of the mother. No attempt is made to determine the race of the child from the race shown for the father and the mother.

C. GEOGRAPHIC ALLOCATION

In South Dakota, registration of vital events is classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county in which the birth or death took place. The second, and more customary way, is by place of residence, i.e., the state or county stated to be the usual residence of the decedent in the case of deaths or of the mother in the case of a newborn.

Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are classified to the residence of the mother.

Occurrence statistics have administrative value and statistical significance, especially when calculating accident statistics. Residence statistics are useful in determining health indices for planning and evaluation purposes. The statistics provided in this report are residence data unless otherwise stated.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses very often differ from the actual geographic residence.

D. DEFINITIONS

Occurrence, Place of - Data allocated by place where the event occured, irrespective of the person's place of residence.

Residence, Place of - Data allocated by place of residence, irrespective of where the event occurred.

Live Birth - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after separation, shows evidence of life.

Crude Birth Rate - The number of resident live births divided by the total resident population X 1,000.

Crude Death Rate - The number of resident deaths divided by the total resident population X 1,000.

Cause Specific Death Rate - The number of resident deaths due to a specific cause divided by the total resident population X 100,000.

Proportional Mortality Rate (PMR) - Sometimes called the "Mortality Ratio", is the proportion that a specified cause of mortality is in relation to all causes of mortality.

$$\frac{\text{Number of deaths from Cause "A"}}{\text{Number of deaths from all causes}} \times 100$$

Infant Death - Death of a live born infant less than one year (365 days) of age. Infant deaths equal the sum of neonatal plus postneonatal deaths.

Infant Death Rate - The number of infant deaths divided by the total number of live births X 1,000.

Neonatal Death Rate - (Neonatal Death = Death occurring to infants 1-27 days old) The number of neonatal deaths divided by the total number of live births x 1,000.

Postneonatal Death Rate - (Postneonatal Death = Death occurring to infants 28 days to 1 year of age). The number of postneonatal deaths divided by the total number of live births X 1,000.

Fetal Death - Death prior to the complete expulsion or extraction from its mother of a product of human conception irrespective of the duration of pregnancy, as indicated by the fact that after such expulsion or extraction the fetus does not show evidence of life. (South Dakota requires the reporting of any fetus weighing over 500 grams).

Fetal Death Rate - The number of fetal deaths divided by the total number of live births and fetal deaths X 1,000.

Abortion

The termination of human pregnancy with an intention other than to produce a live birth or to remove a dead fetus.

Samples of Data Collection Instruments

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH
CERTIFICATE OF LIVE BIRTH

COUNTY FILE NUMBER

140- BIRTH NUMBER

SEX

PLACE OF BIRTH

ATTENDENT

MOTHER'S RESIDENCE

ZIP CODE

RACE OF MOTHER

RACE OF FATHER

COMPLICATIONS OF PREGNANCY

CONCURRENT ILLNESSES

COMPLICATIONS OF LABOR

BIRTH INJURIES

CONGENITAL MALFORMS

CHILD

CHILD—NAME FIRST MIDDLE LAST 1.		SEX 2.	DATE OF BIRTH (Mo., Day, Yr.) 3a.	HOUR 3b. M
HOSPITAL—NAME (If not in hospital, give street and number) 4a.	CITY, TOWN, OR LOCATION OF BIRTH 4b.		COUNTY OF BIRTH 4c.	

CERTIFIER

I certify that the stated information concerning this child is true to the best of my knowledge and belief. 5a. (Signature) ▶	DATE SIGNED (Mo., Day, Yr.) 5b.	NAME AND TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (Type or print) 5c.
CERTIFIER—NAME AND TITLE (Type or Print) 5d.	MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip) 5e.	
REGISTRAR 6a. (Signature) ▶		DATE RECEIVED BY REGISTRAR (Month, Day, Year) 6b.

MOTHER

MOTHER—MAIDEN NAME FIRST MIDDLE LAST 7a.			AGE (At time of this birth) 7b.	STATE OF BIRTH (If not in U.S.A., name country) 7c.	
RESIDENCE—STATE 8a.	COUNTY 8b.	CITY, TOWN OR LOCATION 8c.	STREET AND NUMBER OF RESIDENCE 8d.		INSIDE CITY LIMITS (Specify yes or no) 8e.
MOTHER'S MAILING ADDRESS—If same as above, enter Zip Code only 9.					

FATHER

FATHER—NAME FIRST MIDDLE LAST 10a.	AGE (At time of this birth) 10b.	STATE OF BIRTH (If not in U.S.A., name country) 10c.
I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. 11a. (Signature of Parent or other informant) ▶	RELATION TO CHILD 11b.	

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

	RACE	EDUCATION (HIGHEST GRADE COMPLETED)		PREGNANCY HISTORY				
				LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous and Induced)		15. BIRTH WEIGHT ______ grams OR ___ lbs. ___ oz.
MOTHER	Specify-White, Black American Indian, etc 12a.	Elementary or Secondary (0-12) 12b.	College (1-4 or 5+)					
FATHER	Specify-White, Black American Indian, etc. 14a.	Elementary or Secondary (0-12) 14b.	College (1-4 or 5+)	13a. Now Living Number____ None ☐	13b. Now Dead Number____ None ☐	13d. Before 20 weeks Number____ None ☐	13e. After 20 weeks Number____ None ☐	
	This Birth (Single, Twin, Triple) 16.	IF NOT SINGLE BIRTH - Born first, second, third, etc. (Specify) 17.						WAS MOTHER MARRIED AT TIME OF CONCEPTION OR BIRTH? 18.
	DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) 19.	MONTH OF PREGNANCY PRENATAL CARE BEGAN First, second, etc. (Specify) 20a.	PRENATAL VISITS Total Number (If none, so state) 20b.	DATE OF LAST LIVE BIRTH (Month, Year) 13c.		DATE OF LAST OTHER TERMINATION (as indicated in d or e above) (Month, Year) 13f.		APGAR SCORE 1 MIN. | 5 MIN. 21.

COMPLICATIONS OF PREGNANCY (DESCRIBE OR WRITE NONE) 22.	CONCURRENT ILLNESSES OR CONDITIONS AFFECTING PREGNANCY (DESCRIBE OR WRITE NONE) 23.
COMPLICATIONS OF LABOR AND/OR DELIVERY (DESCRIBE OR WRITE NONE) 24.	BIRTH INJURIES TO CHILD (DESCRIBE OR WRITE NONE) 25.

CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (DESCRIBE OR WRITE NONE) 26.	FETAL ALCOHOL SYNDROME 27. ☐ Yes ☐ No	P.K.U. TEST PERFORMED 28. ☐ Before 24 Hours ☐ After 24 Hours ☐ Not Done	HYPOTHYROID TEST PERFORMED 29. ☐ Yes ☐ No

AMNIOCENTESES PERFORMED 30. ☐ Yes ☐ No	KARYOTYPE TEST PERFORMED 31. ☐ Yes ☐ No	CAESAREAN SECTION 32. ☐ Classical ☐ Low Cervical ☐ Other	PHYSICIAN'S ESTIMATE OF GESTATION LENGTH (In Weeks) 33.	TRIMESTER MOTHER STARTED PRENATAL CLASSES DURING THIS PREGNANCY 34. ☐ 1st ☐ 2nd ☐ 3rd ☐ None

HAS 0275
Jan. 1, 1983

WHITE COPY
DEPARTMENT OF HEALTH

YELLOW COPY
LOCAL REGISTRAR

PINK COPY
HOSPITAL OR PHYSICIAN

MAIL TO:
Public Health Statistics
State Dept. of Health
Foss Building
Pierre, South Dakota 57501

State of South Dakota
Department of Health

REPORT OF FETAL DEATH

State File Number

HOSPITAL—NAME (If not in hospital, give street and number) 1a.
CITY, TOWN OR LOCATION OF DELIVERY 1b.
COUNTY OF DELIVERY 1c.
DATE OF DELIVERY (Month, Day, Year) 2a.
HOUR OF DELIVERY 2b.
SEX OF FETUS 3.
WEIGHT OF FETUS 4.

FATHER

FAMILY SURNAME 5a.
AGE (At time of this delivery) 5b.
RACE—(e.g., White, Black, American Indian, etc.) (Specify) 5c.
EDUCATION (Specify only highest grade completed) Elementary or Secondary (0-12) | College (1—4 or 5+) 5d.

MOTHER

RESIDENCE—STATE 6a.
COUNTY 6b.
CITY, TOWN, ZIP 6c.
INSIDE CITY LIMITS (Specify yes or no) 6d.
AGE (At time of this delivery) 7.
RACE—(e.g., White Black, American Indian, etc. Specify) 8.
EDUCATION (Specify only highest grade completed) (Elementary or Secondary (0—12) | College (1—4 or 5+) 9.
IS MOTHER MARRIED? (Specify yes or no) 10.
MONTH OF PREGNANCY PRENATAL CARE BEGAN First, Second, etc. (Specify) 12a.
PRENATAL VISITS Total Number (If none, so state) 12b.
THIS BIRTH—Single, twin, triplet, etc. (Specify) 13a.
IF NOT SINGLE BIRTH—Born first, second, third, etc (Specify) 13b.

PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS		OTHER TERMINATIONS (Spontaneous and Induced)	
11a. NOW LIVING Number ____ None [ ]	11b. NOW DEAD Number ____ None [ ]	11d. BEFORE 20 WEEKS Number ____ None [ ]	11e. 20 WEEKS OR MORE Number ____ (Do not include this fetus) None [ ]
DATE OF LAST LIVE BIRTH (Month, Year) 11c.		DATE OF LAST OTHER TERMINATION (as indicated in d or e above) (Month, Year) 11f.	

CAUSE OF FETAL DEATH

PART I
14 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)
Fetal or maternal condition directly causing fetal death. (a) ____ Specify Fetal or Maternal
DUE TO, OR AS A CONSEQUENCE OF:
Fetal and/or maternal conditions, if any giving rise to the immediate cause (a), stating the underlying cause last. (b) ____ Specify Fetal or Maternal
DUE TO, OR AS A CONSEQUENCE OF (c) ____ Specify Fetal or Maternal

PART II
OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in (a)
FETUS DIED BEFORE LABOR DURING LABOR OR DELIVERY UNKNOWN (Specify) 15.
PHYSICIAN'S ESTIMATE OF GESTATION (Weeks) 16.
AUTOPSY (Specify yes or no) 17.

COMPLICATIONS OF PREGNANCY (Describe or write "none") 18.
COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 19.
CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 20.
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none") 21.
NAME OF PHYSICIAN, ATTENDANT or CORONER (Type or print) TITLE 22a.
ADDRESS OF PHYSICIAN, ATTENDANT or CORONER 22b.

HAS0274 Rev. 7/77

TYPE
OR PRINT
IN
PERMANENT
INK
FOR
INSTRUCTIONS
SEE
HANDBOOK

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH
CERTIFICATE OF DEATH

LOCAL FILE NUMBER

140 STATE FILE NUMBER

DECEDENT

DECEDENT - NAME FIRST MIDDLE LAST 1
SEX 2
DATE OF DEATH (MONTH, DAY, YEAR) 3
RACE WHITE, NEGRO, AMERICAN INDIAN, ETC. (SPECIFY) 4
AGE—LAST BIRTHDAY (YEARS) 5a
UNDER 1 YEAR MOS DAYS 5b
UNDER 1 DAY HOURS MIN 5c
DATE OF BIRTH (MONTH, DAY, YEAR) 6
COUNTY OF DEATH 7a
CITY, TOWN, OR LOCATION OF DEATH 7b
HOSPITAL OR OTHER INSTITUTION—NAME (IF NOT IN EITHER, GIVE STREET AND NUMBER) 7c
IF HOSP OR INST Indicate DOA, OP/Emer Rm., Inpatient (Specify) 7d.
STATE OF BIRTH (IF NOT IN U.S.A., NAME COUNTRY) 8
CITIZEN OF WHAT COUNTRY 9
MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (SPECIFY) 10
SURVIVING SPOUSE (IF WIFE, GIVE MAIDEN NAME) 11
SOCIAL SECURITY NUMBER 12
USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE, EVEN IF RETIRED) 13a
KIND OF BUSINESS OR INDUSTRY 13b
RESIDENCE—STATE 14a
COUNTY 14b
CITY, TOWN, OR LOCATION AND ZIP CODE 14c
INSIDE CITY LIMITS (SPECIFY YES OR NO) 14d
STREET AND NUMBER 14e

ZIP

PARENTS

FATHER—NAME FIRST MIDDLE LAST 15
MOTHER—MAIDEN NAME FIRST MIDDLE LAST 16
INFORMANT—NAME 17a
MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP) 17b
WAS DECEASED A VETERAN 17c.

CAUSE OF DEATH

PART I DEATH WAS CAUSED BY [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c)]
APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH
18 IMMEDIATE CAUSE
(a)
DUE TO, OR AS A CONSEQUENCE OF
CONDITIONS, IF ANY, WHICH GAVE RISE TO IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST
(b)
DUE TO, OR AS A CONSEQUENCE OF
(c)
PART II OTHER SIGNIFICANT CONDITIONS CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I (a)
AUTOPSY (YES OR NO) 19a
WAS CASE REFERRED TO CORONER? (Specify Yes or No) 19b
ACCIDENT, SUICIDE, HOMICIDE, OR UNDETERMINED (SPECIFY) 20a
DATE OF INJURY (MONTH DAY YEAR) 20b
HOUR OF INJURY 20c M
HOW INJURY OCCURRED (ENTER NATURE OF INJURY IN PART I OR PART II, ITEM 18) 20d
INJURY AT WORK (SPECIFY YES OR NO) 20e
PLACE OF INJURY AT HOME, FARM, STREET, FACTORY, OFFICE BLDG., ETC. (SPECIFY) 20f
LOCATION (County, City or Town, State) 20g

CAUSE
WORK
CO. ACC.
PLACE
LINE NO.
AUTOPSY

CERTIFIER

To be Completed by PHYSICIAN Only
21a To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.
(Signature and Title) ▶
DATE SIGNED (Mo. Day Yr.) 21b
HOUR OF DEATH 21c M

To be Completed by CORONER Only
22a On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place and due to the cause(s) stated.
(Signature and Title) ▶
DATE SIGNED (Mo. Day Yr.) 22b
HOUR OF DEATH 22c M

NAME AND ADDRESS OF CERTIFIER (PHYSICIAN, MEDICAL EXAMINER OR CORONER) (Type or Print) 23

RTIFIER
CORONER

DISPOSITION

BURIAL, CREMATION, REMOVAL (SPECIFY) 24a
CEMETERY OR CREMATORY—*NAME* 24b
LOCATION CITY OR TOWN STATE 24c
DATE (MONTH, DAY, YEAR) 24d
FUNERAL HOME—*NAME AND ADDRESS* 25a
EMBALMER—*SIGNATURE & NUMBER* (IF NOT EMBALMED—LEAVE BLANK)
FUNERAL DIRECTOR—SIGNATURE AND NUMBER 25b
REGISTRAR—*SIGNATURE* 26a
DATE RECEIVED BY LOCAL REGISTRAR 26b

F.D. NUMBER

HAS 0276 REV JAN 1978

1

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH

INDUCED ABORTION REPORT

Do not write in this column

1 PLACE OF OCCURRENCE

2 1. NAME OF HOSPITAL, CLINIC OR PHYSICIAN'S OFFICE

3 2. STATE | 3. COUNTY | 4. CITY

4 PATIENT INFORMATION

5 5. STATE OF RESIDENCE | 6. COUNTY OF RESIDENCE

6 7. AGE

7 8. RACE OR ETHNIC GROUP

8 ☐ WHITE ☐ INDIAN ☐ NEGRO ☐ OTHER (Specify)

9 MARITAL STATUS

☐ Never Married ☐ Married ☐ Widowed ☐ Divorced ☐ Unknown

10 NUMBER OF LIVING CHILDREN

11 NUMBER OF PREVIOUS INDUCED ABORTIONS

12 MEDICAL INFORMATION

DATE OF ABORTION (Month, Day, Year)

13 PHYSICIAN'S ESTIMATE OF LENGTH OF GESTATION ________ WEEKS

14 WEIGHT OF FETUS

________ LBS. ________ OZ.

15 Rh FACTOR

☐ Positive ☐ Negative

16 ANTI-Rh-IMMUNE GLOBULIN GIVEN?

☐ Yes ☐ No

17 ABORTION PROCEDURE USED

☐ Suction Curettage
☐ Sharp Curettage
☐ Hysterotomy
☐ Hysterectomy
☐ Intra-uterine Saline Instillation
☐ Intra-uterine Prostaglandin Instillation
☐ Other (Specify) ________

18 FETAL ABNORMALITY

☐ Normal ☐ Abnormal (Specify) ________

19 REASON FOR ABORTION

☐ Maternal Mental Health
☐ Maternal Physical Health
☐ Probability of Congenital Deformity
☐ Rape or Incest
☐ Economic
☐ Other

20 MATERNAL COMPLICATIONS (Specify) ________

21 NAME OF PHYSICIAN

22 DATE OF REPORT (Month, Day, Year)

HAS 0251 Rev. 10/77 **SEE INSTRUCTIONS ON REVERSE SIDE**

COUNTY OF ____________________

SOUTH DAKOTA MARRIAGE LICENSE

LICENSE NUMBER ________________

STATE FILE NUMBER

THIS MARRIAGE LICENSE BECOMES VOID IF THE MARRIAGE IS NOT SOLEMNIZED WITHIN 20 DAYS FROM DATE OF ISSUE.

OOM

GROOM NAME 1.	FIRST	MIDDLE	LAST
RESIDENCE – STATE 2a.	COUNTY 2b.	CITY, TOWN OR LOCATION 2c.	
STATE OF BIRTH (if not USA name country) 3.	DATE OF BIRTH (month, day, year) 4.	AGE LAST BIRTHDAY (years) 5.	

IDE

BRIDE NAME 6.	FIRST	MIDDLE	LAST
RESIDENCE – STATE 7a.	COUNTY 7b.	CITY, TOWN OR LOCATION 7c.	
STATE OF BIRTH (if not USA name country) 8.	DATE OF BIRTH (month, day, year) 9.	AGE LAST BIRTHDAY (years) 10.	

WE HEREBY CERTIFY THAT THE INFORMATION PROVIDED IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AND THAT WE ARE FREE TO MARRY UNDER THE LAWS OF SOUTH DAKOTA

GROOM'S SIGNATURE 11. ▶	BRIDE'S SIGNATURE 12. ▶
LICENSE ISSUED (month, day, year) 19a.	SIGNATURE OF COUNTY TREASURER OR DEPUTY ISSUING LICENSE 19b. ▶

CEREMONY

MARRIED ON (month, day, year) 20a.	WHERE MARRIED – CITY 20b.	COUNTY 20c.
PERSON PERFORMING CEREMONY 20d. Signature ▶	TITLE 20e.	TYPE OF CEREMONY (Religious or civil, specify) 20f.

WITNESS TO CEREMONY 21a. Signature ▶	WITNESS TO CEREMONY 21b. Signature ▶
RESIDENCE OF WITNESS (city and state) 21c.	RESIDENCE OF WITNESS (city and state) 21d.
COUNTY TREASURER FILING RETURN 22a. Signature ▶	DATE RECEIVED BY COUNTY TREASURER Month Day Year 22b.

THIS RECORD MUST BE COMPLETED AND RETURNED
TO THE COUNTY TREASURER ISSUING LICENSE
WITHIN 30 DAYS AFTER THE MARRIAGE

GROOM	RACE–White, Indian, Negro, etc. (specify) 13.	NUMBER OF TIMES PREVIOUSLY MARRIED 14.	LAST MARITAL STATUS never married, widowed, divorced, annulment (specify) 15.
BRIDE	RACE–White, Indian, Negro, etc. (specify) 16.	NUMBER OF TIMES PREVIOUSLY MARRIED 17.	LAST MARITAL STATUS never married, widowed, divorced, annulment (specify) 18.

HAS 0272

RETURN WITHIN 30 DAYS TO COUNTY TREASURER IN COUNTY WHERE MARRIAGE IS SOLEMNIZED

STATE OF SOUTH DAKOTA
DEPARTMENT OF HEALTH

RECORD OF DIVORCE OR ANNULMENT

County File Number

State File Number

HUSBAND

HUSBAND—NAME First Middle Last

RESIDENCE—STATE 2a.	COUNTY 2b.	CITY, TOWN, or LOCATION 2c	AGE (if known) 3	RACE (if known) 4

WIFE

WIFE—NAME First Middle Last

5a.

RESIDENCE—STATE 6a.	COUNTY 6b	CITY, TOWN, or LOCATION 6c	AGE (if known) 7	RACE (if known) 8

PLACE OF THIS MARRIAGE (state) 9a.	DATE OF THIS MARRIAGE (Mo. Day Yr.) 9b.	PLAINTIFF ☐ Husband ☐ Wife 10	CHILDREN UNDER 18 IN THIS FAMILY 11

ATTORNEY FOR PLAINTIFF (Type or print) 12a.	ADDRESS STREET OR R.F.D. No. CITY OR TOWN STATE ZIP 12b.

DECREE

DATE OF DECREE (Mo. Day Yr.) 13	TYPE OF DECREE ☐ Divorce ☐ Annulment 14	DECREE GRANTED TO ☐ Husband ☐ Wife 15

CUSTODY OF MINOR CHILDREN AWARDED TO: Husband (specify number) Wife (specify number)

16

LEGAL GROUNDS FOR DECREE (specify) 17	COUNTY WHERE DECREE IS FILED 18	DATE OF RECORDING (Mo. Day Yr.) 19

HAS—0271 REV 7/78

UCS—075